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SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
1996 PANEL
WAVE 1 TOPICAL MODULE MICRODATA FILES

ABSTRACT

Survey of Income and Program Participation (SIPP) 1996 Panel, Wave 1 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. –Washington: The Bureau [producer and distributor], 1999.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

The universe is the resident population of the United States, excluding persons living in institutions and military barracks.

Subject-Matter Description:

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander), ethnic origin (34 categories including 9 Spanish origin categories), marital status, and education. Data in this topical module file include recipiency history and employment history.

The sample consists of 4 rotation groups, each interviewed in a different month from April 1996 to July 1996. For each group the reference period for reporting labor force activity and income is the four calendar months preceding the interview month.

SIPP is a longitudinal survey where each sampled household and each descendent household is reinterviewed at 4-month intervals for 12 interviews or "waves." This file contains the results of the **first** interview. Unique codes are included on each record to allow linking together the same persons from the preceding and subsequent waves.

Geographic Coverage:

United States. Codes are included for 45 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. Areas in the SIPP sample in five States are identified in two groups for confidentiality reasons. The file identifies a subsample of metropolitan residents, along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA's).

Technical Description:

File Structure: Rectangular. Each logical record for a sampled person includes information on the household and family of which the person was a part during each month of the reference period, as well as characteristics of the person.

File Size: 95,315 logical records; 840 character logical record length.

File Sort Sequence of Sample Units: Sampling unit identification number by entry address ID and person number within sampling unit.

Reference Materials:

Survey of Income and Program Participation (SIPP) 1996 Panel, Wave 1 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, questionnaire facsimiles, and general information on SIPP.

Survey of Income and Program Participation Users' Guide. The Users' Guide contains a general overview of the file as well as chapters on survey design and content, structure and use of cross-sectional files, linking waves and reliability of the data. Copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Related Printed Reports:

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports.

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1993 Panels, and 1996 Panel, Waves 1 and 2 are available from Customer Services Center, Marketing Services Office, Bureau of the Census, Washington, D.C. 20233. Some files (1990 - 1993) may be downloaded in ASCII from the Data Extraction System (DES) SURVEY-ON-CALL at *http://www.census.gov/DES/www/welcome.html* Files (1996 forward) may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at *http://www.ferret.bls.census.gov/cgi-bin/ferret*

File Availability:

Files are available on computer tape at 6250 bpi, ASCII or EBCDIC, and standard ANSI labeling on CD-R (compact disc-readable). The file also may be made available on IBM 3480 compatible tape cartridge. A machine-readable data dictionary is provided at the end of each file. This dictionary may be purchased separately. Pricing information is available from Customer Services (301) 457-4100 (order form attached). This file also may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at *http://www.ferret.bls.census.gov/cgi-bin/ferret*

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FILE INFORMATION

Matching Topical Module File with Core File

Since the core and topical module data are released as separate files, it may be necessary to match the two files. The two files contain the following information for linking purposes.

SSUID	Scrambled sample unit identifier
SPANEL	Panel year
SWAVE	Wave of data collection
SROTATION	Rotation of data collection
TFIPSST - FIPS	State code for the fifth month
EOUTCOME	Interview status code for the fifth month
SHHADID	Household address ID in the fourth reference month
SINTHHID	Household address ID of person in interview month
RFID	Family ID number in month four
RFID2	Family ID excluding related subfamily members
EPPIDX	Person index
EENTAID	Address ID of household where person entered sample
EPPPNUM	Person number
EPOPSTAT	Population status based on age in fourth reference month
EPPINTVW	Person's interview status at time of interview
EPPMIS4	Person's fourth month inteview status
ESEX	Sex of this person
ERACE	Race of this person
EORIGIN	Origin of this person
EFINWGT	Person weight
ERRP	Household relationship
EMS	Marital status
EPNMON	Person number of mother
EPNDAD	Person number of father
EPNGUARD	Person number of guardian
EPNSPOUS	Person number of spouse
RDESGPNT	Designated parent or guardian flag
TAGE	Age as of last birthday at the end of the fourth month
EEDUCATE	Highest degree received or grade completed

Geographic Coverage

State codes are shown except for five States which are identified in two groups. A subsample of metropolitan residents is identified along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA's). **The sample was not designed to produce State or MSA/CMSA level estimates.** State codes are primarily useful in relating a respondent's recipiency of benefits to thresholds which may vary from State to State. MSA/CMSA codes may be used in relating respondent characteristics with contextual variables.

Identification Number System

The SIPP identification scheme is designed to uniquely identify individuals in each wave, provide a means of linking the same individuals over time, and group individuals into households and families over time.

The various components of the identification scheme are listed below:

    SSUID   Sample Unit Identification Number
    SHHADID   Address ID
    EENTAID   Entry Address ID
    EPPPNUM   Person Number

The sample unit identification number was created by scrambling together the PSU, segment, and serial numbers used for Census Bureau administrative purposes. This identifier is constructed the same way on each wave regardless of moves, to enable matching from wave to wave.

The two-digit address ID code identifies each household associated with the same sample unit identification number. The first digit of the address ID code indicates the wave in which that address was first assigned for interview. The second digit sequentially numbers multiple households that have the same serial number. The address ID code is 11 for all sample addresses that are the same as in Wave 1. As SIPP sample persons move to new addresses, new address ID codes are assigned. Any new address to which sample unit members moved during Wave 4 is numbered in the 40's.

The person ID is a five-digit number consisting of the two-digit entry address ID and a three-digit person number. Person numbers 101, 102, etc., are assigned in Wave 1; 201, 202, etc., are assigned to persons added to the roster in Wave 2, and so forth. This five-digit number is not changed or updated, regardless of moves.

The sampling unit serial number and address ID code uniquely identifies each household in any given wave. The sampling unit serial number can link all households in subsequent waves back to the original Wave 1 household.

Topcoding of Income Variables

To protect against the possibility that a user might recognize the identity of a SIPP respondent with very high income, income from every source is "topcoded" so that no individual income amounts above $150,000 are revealed. While the data dictionary indicates a topcode of 50,000 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of $12,500, with $12,500 actually representing "$12,500 or more." (the $150,000 annual income topcode is $12,500 multiplied by 12 months). Individual monthly amounts above $12,500 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed $12,500. For example, if a respondents' income from a single job were concentrated in only one of the four reference months, a figure as high as $50,000 could be shown. (Income from interest or property have lower topcodes).

Summary income figures on the person, family, and household records are simple sums of the components shown on the file after topcoding, and are not independently topcoded. Thus, a person with high income from several sources (jobs, businesses, property) could have aggregate monthly income well over the topcode for each source. Families and households with a number of high income members could theoretically have aggregate income shown well over $150,000, though well below the $1.5 million shown as the highest allowable value in the data dictionary.

The user is cautioned against trying to make much use of the occasional monthly figures above $12,500, except in calculating aggregates or observing patterns across the 4-month period for a single individual, family, or household. Those units with higher monthly amounts shown are a biased sample of high income units, more likely to include units with income from multiple sources than other units with equally high aggregate income which comes from a single source.

GLOSSARY OF SELECTED TERMS

Absent 1 or more weeks. Absent 1 or more weeks means absent without pay from a job or business. Persons were absent without pay in a month if they were "with a job" during the entire month, but were not at work at that job during at least 1 full week (Sunday through Saturday) during the month, and did not receive wages or a salary for any time during that week. Reasons for an unpaid absence include vacation, illness, layoff, bad weather, labor disputes, and waiting to start a new job.

Family household. A family household is a household maintained by a family; any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there are included. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives.

Family. A family is a group of two or more persons (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such persons (including related subfamily members) are considered members of one family.

Farm-nonfarm residence.   The farm population refers to rural residents living on farms. Under this definition, a farm is any place in rural territory from which sales of crops, livestock, and other agricultural products amounted to $1,000 or more during the previous 12-month period.

Full-time and part-time. The data on full- and part-time workers pertain to the number of hours a person usually worked per week during the weeks worked in the 4-month reference period of the survey. If the hours worked per week varied considerably, the respondent was asked to report an approximate average of the actual hours worked each week.

Persons 16 years old and over who reported usually working 35 or more hours each week during the weeks they worked are classified as "full-time" workers; persons who reported that they usually worked fewer than 35 hours are classified as "part-time" workers. The same definitions are used in the CPS.

Household.   A household consists of all persons who occupy a housing unit. A house, an apartment or other group of rooms, or a single room is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters; that is, when the occupants do not live and eat with any other persons in the structure and there is either (1) direct access from the outside or through a common hall or (2) a kitchen or cooking equipment for the exclusive use of the occupants.

A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone in a housing unit or a group of unrelated persons sharing a housing unit as partners is also counted as a household. The count of households excludes group quarters. Examples of group quarters include rooming and boarding houses, college dormitories, and convents and monasteries.

Householder.   Survey procedures call for listing first the person (or one of the persons) in whose name the home is owed or rented. If the house is owned jointly by a married couple, either the husband or the wife may be listed first, thereby becoming the reference person, or householder, to whom the relationship of the other household members is recorded. One person in each household is designated as the "householder." The number of householders, therefore, is equal to the number of households.

Layoff. In general, the word "layoff" means release from a job because of slack work, material shortages, inventory taking, plant remodeling, installation of machinery, or other similar reasons. For this survey, persons

were also on "layoff" who did not have job but who responded that they has spent at least 1 week on layoff from a job and that they were available to accept a job.

In addition, persons were on "layoff" in a given month if they were 16 years old or over and (a) were "with a job" but "absent without pay" from that job for at least 1 full week during that month, and (b) they responded that their main reason for being absent from their job or business was "layoff." "On layoff" also includes a small number of persons who responded that they were waiting to report to a new wage and salary job that was to begin within 30 days. In other words, persons waiting to begin a new job are classified together with persons waiting to return to a job from which they have been laid off.

Looking for work. Persons who "looked for work" in a given month are those who were 16 years old or over and (a) were without a job during at least 1 week during the month, (b) tried to get work or establish a business or profession in that week, and (c) were available to accept a job. Examples of jobseeking activities are (1) registering at a public or private employment office, (2) meeting with prospective employers, (3) investigating possibilities for starting a professional practice or   opening a business, (4) placing or answering advertisements, (5) writing letters of application, and (6) being on a professional register.

The CPS uses a similar concept of "looking for work." The term "unemployed" as used in the CPS includes persons who were looking for work in the reference week and those who were "on layoff" or "waiting to begin a new job in 30 days."

Low-Income Home Energy Assistance Program. Benefits from the Federally funded LIHEAP authorized by Title XXVI of the Omnibus Budget Reconciliation Act of 1981, or comparable assistance provided through State funded assistance programs, may be received in the form of direct payment to the household as reimbursement for heating or cooling expenses or paid directly to the fuel dealer or landlord.

Means-tested benefits. The term means-tested benefits refers to programs that require the income or assets (resources) of the individual or family be below specified guidelines in order to qualify for benefits. These programs provide cash and noncash assistance to the low-income population. The major sources of means-tested cash and noncash assistance are shown in Appendix B-2.

Medicaid. This term refers to the Federal-State program of medical assistance for low-income individuals and their families as provided for by Title XIX of the Social Security Act. The phrase "Medicaid covered" refers to persons enrolled in the Medicaid program, regardless of whether they actually utilized any Medicaid covered health care services during the survey reference period.

Medicare. This term refers to the Federal Health Insurance Program for the Aged and Disabled as provided for by Title XVIII of the Social Security Act. The phrase "Medicare covered" refers to persons enrolled in the Medicare program, regardless of whether they actually utilized any Medicare covered health care services during the survey reference period.

Monthly income.   The monthly income estimates for households are based on the sum of the monthly income received by each household member age 15 years old or over.

Cash income includes all income received from any of the sources listed in Appendix B-1. Rebates, refunds, loans, and capital gain or loss amounts from the sale of assets, and interhousehold transfers of cash such as allowances are not included. Accrued interest on Individual Retirement Accounts, KEOUGH retirement plans. and U.S. Savings bonds are also excluded. This definition differs somewhat from that used in the annual income reports based on the March CPS Income supplement questionnaire. These data, published in the Consumer Income Series, P-6O, are based only on income received in a regular or periodic manner and, therefore,

exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

The income amounts represent amounts actually received during the month, before deductions for income and payroll taxes, union dues, Part B Medicare premiums, etc.

The SIPP income definition includes three types of earnings: wages and salary, nonfarm self-employment, and farm self-employment. The definition of nonfarm self-employment and farm self-employment is not based on the net difference between gross receipts or sales and operating expenses, depreciation, etc. The monthly amounts for these income types are based on the salary or other income received from the business by the owner of the business or farm during the 4-month reference period.

The Bureau of Labor Statistics publishes quarterly averages for an earnings concept called "usual weekly earnings" for employed wage and salary workers. The concept differs from the SIPP earnings concept since it is based on usual, not actual earnings, excludes the self-employed, and excludes earnings from secondary jobs.

While the income amounts from most sources are recorded monthly for the 4-month reference period, property income amounts, interest, dividends, rental income, etc., were recorded as totals for the 4-month period. These totals were distributed equally between months of the reference period for purposes of calculating monthly averages.

Nonfamily household. A nonfamily household is a household maintained by a person living alone or with nonrelatives only.

Persons of Spanish origin. Persons of Spanish origin were determined on the basis of a question that asked for self-identification of the person"s origin or descent. Respondents were asked to select their origin (or the origin of some other household member) from a "flash card" listing ethnic origins. Persons of Spanish origin, in particular, were those who indicated that their origin was Mexican, Puerto Rican, Cuban, Central or South American, or some other Spanish origin. It should be noted that persons of Spanish origin may be of any race.

Population coverage. The estimates are restricted to the civilian noninstitutional population of the 50 States and members of the Armed Forces living off post or with their families on post.

Race. The population is divided into groups on the basis of race: White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; and "other races."

Special Supplemental Food Program for women, Infants, and Children (WIC). Benefits are received in the form of vouchers that are redeemed at retail stores for specific supplemental nutritious foods. Eligible low-income recipients are infants and children up to age five and pregnant, postpartum, and breastfeeding women.

Unemployment compensation. This term refers to cash benefits paid to unemployed workers through a State or local unemployment agency. These include all benefits paid under the Federal-State unemployment insurance program as established under the Social Security Act, as well as those benefits paid to State and local government employees, Federal civilian employees, and veterans.

With a Job. Persons are classified "with a job" in a given month if they were 16 years old or over and, during the month, either (a) worked as paid employees or worked in their own business or profession or on their own farm or worked without pay in a family business or farm or (b) were temporarily absent from work either with or without pay. In general, the word "job" implies an arrangement for regular work for pay where payment is in cash wages or salaries, at piece rates, in tips, by commission, or in kind (meals, living quarters, supplies

received). "Job" also includes self-employment at a business, professional practice, or farm. A business is defined as an activity which involves the use of machinery or equipment in which money has been invested or an activity requiring an office or "place of business" or an activity which requires advertising; payment may be in the form of profits or fees.

The Current Population Survey (CPS), the official source of labor force statistics for the Nation, uses the same definition for a job or business. The term "with a job," however, should not be confused with the term "employed" as used in the CPS. "With a job" includes those who were temporarily absent from a job because of layoff and those waiting to begin a new job In 30 days; in the CPS these persons are not considered "employed." See "Worked each week" below.

With labor force activity. The term "with labor force activity" includes all persons with a job (as defined above) and those looking for work or on layoff from a job for at least 1 week during a given month. Conversely, those persons "with no labor force activity" had no job, were not on layoff from a job and made no effort to find a job during the month.

Work disability. Persons were classified as having a work disability if they were identified by the respondent as having a physical, mental, or other health condition that limits the kind or amount of work they can do.

Worked each week. Persons "worked each week" in a month if, for the entire month, they were "with a job" and not "absent without pay" from the job. In other words, a person worked each week in any month when they were (a) on the job the entire month, or (b) they received wages or a salary for all weeks in the month, whether they were on the job or not. Persons also worked each week if they were self-employed and spent time during each week of the month at or on behalf of the business or farm they owned, as long as they received or expected to receive profit or fees for their work.

In the CPS, the concept at "work" includes those persons who spent at least 1 hour during the reference week at their job or business. In the CPS, however, "at work" does not include persons who were temporarily absent from their jobs during the entire reference week on paid vacation, sick leave, etc. In SIPP, "worked each week" does include persons on paid absences.

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Description	Variable	Position
Rsn applied for AFDC (5=Loss job/income)	RC1 . . . . . . EYBG2305	 230
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Rsn applied GA/GR in month 3(9=Became disabled)	RC2 . . . . . EB2109M3	 574
Rsn applied GA/GR in mth 2 allocation flag	RC2 . . . . AB21M2	 650
Rsn applied GA/GR in mth 2(5=Loss of job/income)	RC2 . . . . . EB2105M2	 638
Rsn applied GA/GR in mth 2(6=Loss of other income)	RC2 . . . . . EB2106M2	 640
Rsn applied GA/GR in mth 2(7=Just learned of prog)	RC2 . . . . . EB2107M2	 642
Rsn applied GA/GR in mth 2(8=Just got to applying)	RC2 . . . . . EB2108M2	 644
Rsn applied GA/GR-mth 1(1=Needed the money)	RC2 . . . . . EB2101M1	 690
Rsn applied GA/GR-mth 1(2=Preg/birth)	RC2 . . . . . EB2102M1	 692
Rsn applied GA/GR-mth 1(3=Received for another)	RC2 . . . . . EB2103M1	 694
Rsn applied GA/GR-mth 1(4=Separated/divorced)	RC2 . . . . . EB2104M1	 696
Rsn applied GA/GR-mth 1(5=Loss of job/income)	RC2 . . . . . EB2105M1	 698
Rsn applied GA/GR-mth 1(6=Loss of other income)	RC2 . . . . . EB2106M1	 700
Rsn applied GA/GR-mth 1(6=Loss of other income)	RC2 . . . . . EB2406M1	 721
Rsn applied GA/GR-mth 1(7=Just learned of prog)	RC2 . . . . . EB2107M1	 702
Rsn applied GA/GR-mth 1(7=Just learned of prog)	RC2 . . . . . EB2407M1	 723
Rsn applied GA/GR-mth 1(8=Just applied))	RC2 . . . . . EB2108M1	 704
Rsn applied GA/GR-mth 1(9=Became disabled)	RC2 . . . . . EB2109M1	 706
Rsn applied GA/GR-mth 2(1=Needed the money)	RC2 . . . . . EB2101M2	 630
Rsn applied GA/GR-mth 2(3=Receive for another)	RC2 . . . . . EB2103M2	 634
Rsn applied State SSI mth 1(1=Needed the money)	RC2 . . . . . EB04S1M1	 741

Description	Variable	Position
Rsn applied for State SSI-month 2 allocation flg	RC2 . . . . . . AB04SM2	689
Rsn applied for State SSI-mth 1(4=Other)	RC2 . . . . . . EB04S4M1	747
Rsn applied for State SSI-mth 2(1=Needed the money)	RC2 . . . . . . EB04S1M2	681
Rsn applied for State SSI-mth 2(2=Disabled/blind)	RC2 . . . . . . EB04S2M2	683
Rsn applied for State SSI-mth 3(1=Needed the money)	RC2 . . . . . . EB04S1M3	609
Rsn applied for State SSI-mth 3(2=Disabled/blind)	RC2 . . . . . . EB04S2M3	611
Rsn applied for State SSI-mth 4(1=Needed the money)	RC2 . . . . . . EB04S1M4	537
Rsn applied for State SSI-mth 4(2=disabled/blind)	RC2 . . . . . . EB04S2M4	539
Rsn applied for oth Welfare-mth 3(3=Recd for anthr)	RC2 . . . . . . EB2403M3	583
Rsn applied for oth Welfare-mth 3(4=Separate/div)	RC2 . . . . . . EB2404M3	585
Rsn applied for other Welfare (5=Loss of job/income)	RC2 . . . . . . EB2405M4	515
Rsn applied for other Welfare allocation flag	RC2 . . . . . . AB24M4	527
Rsn applied for other Welfare in month 1(10=Other)	RC2 . . . . . . EB2410M1	729
Rsn applied for other Welfare in month 3(10=Other)	RC2 . . . . . . EB2410M3	597
Rsn applied for other Welfare(10=Other)	RC2 . . . . . . EB2410M4	525
Rsn applied for other Welfare(1=Needed the money)	RC2 . . . . . . EB2101M4	486
Rsn applied for other Welfare(1=Needed the money)	RC2 . . . . . . EB2401M4	507
Rsn applied for other Welfare(2=Pregnancy/birth)	RC2 . . . . . . EB2402M4	509
Rsn applied for other Welfare(3=Another dependent)	RC2 . . . . . . EB2403M4	511
Rsn applied for other Welfare(4=Separate/divorced)	RC2 . . . . . . EB2404M4	513
Rsn applied for other Welfare(6=Loss other income)	RC2 . . . . . . EB2406M4	517
Rsn applied for other Welfare(7=Just learned prog)	RC2 . . . . . . EB2407M4	519
Rsn applied for other Welfare(8=Just applied)	RC2 . . . . . . EB2408M4	521
Rsn applied for other Welfare(9=disabled)	RC2 . . . . . . EB2409M4	523
Rsn applied for other Welfare-mth 2(2=Preg/birth)	RC2 . . . . . . EB2402M2	653
Rsn applied for other Welfare-mth 3 allocation flg	RC2 . . . . . . AB24M3	599
Rsn applied for other Welfare-mth 3(2=Preg/birth)	RC2 . . . . . . EB2402M3	581
Rsn applied for othr Welfare-mth 2(10=Other)	RC2 . . . . . . EB2410M2	669
Rsn applied for othr Welfare-mth 3(1=Needed money)	RC2 . . . . . . EB2401M3	579
Rsn applied other Welfare - month 3(8=Just applied)	RC2 . . . EB2408M3	593
Rsn applied other Welfare-mth 1 allocation flag	RC2 . . . . . . AB24M1	731
Rsn applied other Welfare-mth 1(1=Needed the money)	RC2 . . . . . . EB2401M1	711
Rsn applied other Welfare-mth 1(2=Preg/birth)	RC2 . . . . . . EB2402M1	713
Rsn applied other Welfare-mth 1(3=Recd for another)	RC2 . . . . . . EB2403M1	715
Rsn applied other Welfare-mth 1(4=Sep/div)	RC2 . . . . . . EB2404M1	717
Rsn applied other Welfare-mth 1(5=Loss of job/income)	RC2 . . . . . . EB2405M1	719
Rsn applied other Welfare-mth 1(8=Just applied)	RC2 . . . . . . EB2408M1	725
Rsn applied other Welfare-mth 1(9=Became disabled)	RC2 . . . . . . EB2409M1	727
Rsn applied other Welfare-mth 2(1=Needed the money)	RC2 . . . . . . EB2401M2	651
Rsn applied other Welfare-mth 2(3=Recd for another)	RC2 . . . . . . EB2403M2	655
Rsn applied other Welfare-mth 2(4=Sep/divorced)	RC2 . . . . . . EB2404M2	657
Rsn applied other Welfare-mth 2(5=Loss job/income)	RC2 . . . . . . EB2405M2	659
Rsn applied other Welfare-mth 3(5=Loss job/income)	RC2 . . . . . . EB2405M3	587
Rsn applied other Welfare-mth 3(6=Loss othr income)	RC2 . . . . . . EB2406M3	589
Rsn applied othr Welfare - mth 3(9=Became Disabled)	RC2 . . . . . . EB2409M3	595
Rsn applied othr Welfare-mth 2 allocation flag	RC2 . . . . . . AB24M2	671
Rsn applied othr Welfare-mth 2(6=Loss other income)	RC2 . . . . . . EB2406M2	661
Rsn applied othr Welfare-mth 2(7=Just learn prog)	RC2 . . . . . . EB2407M2	663
Rsn applied othr Welfare-mth 2(8=Just applied)	RC2 . . . . . . EB2408M2	665
Rsn applied othr Welfare-mth 2(9=Became disabled)	RC2 . . . . . . EB2409M2	667
Rsn for GA/GR - month 3(7=Just learned of prog)	RC2 . . . . . . EB2107M3	570

Description	Variable		Position
Worked 35 or more hours per week	EM	AWRK35HR	 161
Worked 35 or more hours per week	EM	EWRK35HR	 123
Worked annually at least 6 month/year	EM	EYRSINCE	 119
Worked annually at least 6 mths/yr allocation flag	EM	AYRSINCE	 159
Year applied for Food Stamps allocation flag	RC1	AFBG120Y	 452
Year applied for Fed SSI that time	RC2	ACOVB3Y	 765
Year applied for Social Security that time	RC2	ACOVB1Y	 757
Year applied for Food Stamps that time	RC1	TFBG120Y	 447
Year applied for WIC that time allocation flag	RC1	AWBG120Y	 351
Year applied for WIC that time	RC1	TWBG120Y	 346
Year last worked	EM	TLSTWRKY	 95
Year last or previous job started allocation flag	EM	AFRMRYR	 155
Year last or previous job started	EM	TFRMRYR	 107
Year first worked 6 straight months allocation flag	EM	AMAKMNYR	 157
Year first worked 6 straight months	EM	TMAKMNYR	 113
Year applied for EGICODE that time	RC2	TCOVB4Y	 768
Year applied for Fed SSI that time	RC2	TCOVB3Y	 760
Year applied for Social Security that time	RC2	TCOVB1Y	 752
Year last worked allocation flag	EM	ALSTWRKY	 151
Year applied for State SSI that time	RC2	ACOVB4Y	 773
Year last worked, prior to reference period job	EM	TPRVJBYR	 101
Year applied for AFDC allocation flag	RC1	AYBG120Y	 250
Year 1st received AFDC/ADC benefits allocation flg	TMR	AAFDCSTY	 810
Year first received AFDC/ADC benefits	TMR	TAFDCSTY	 806
Year first received SSI benefits	TMR	TSSISTRY	 829
Year first received SSI benefits allocation flg	TMR	ASSISTRY	 833
Year first received food stamp	TMR	TFSSTRYR	 783
Year first received food stamp allocation flag	TMR	AFSSTRYR	 787
Yr last wrked,prior to ref period job allocation flg	EM	APRVJBYR	 153

ALPHABETICAL VARIABLE LISTING TO 1996 WAVE 1 TOPICAL MODULE FILES

<u>Variable</u>   <u>Description</u>   <u>Position</u>

AAFDCLG1 .... TMR .... Length of time recd AFDC/ADC(mth) allocation flg 813
AAFDCLG2 .... TMR .... Length of time recd AFDC/ADC(yrs) allocation flg 816
AAFDCSTM .... TMR .... Month 1st received AFDC/ADC benefits allocation flg 805
AAFDCSTY .... TMR .... Year 1st received AFDC/ADC benefits allocation flg 810
AAFDCTIM .... TMR .... Number of times recd AFDC/ADC allocation flg 819
AAPLAFDC .... TMR .... Ever applied for AFDC/ADC Program allocation flag 799
AAPLFS .... TMR .... Ever applied for Food Stamp Program allocation flg 776
AAPLSSI .... TMR .... Ever applied for SSI allocation flag 822
AB03SM1 .... RC2 .... Rsn applied for Fed SSI in month 1 740
AB03SM2 .... RC2 .... Rsn applied for Fed SSI in month 2 allocation flag 680
AB03SM3 .... RC2 .... Rsn applied for Fed SSI - mth 3 allocation flg 608
AB03SM4 .... RC2 .... Rsn applied for Fed SSI in mth 4 allocation flg 536
AB04SM1 .... RC2 .... Rsn applied for State SSI in month 1 749
AB04SM2 .... RC2 .... Rsn applied for State SSI-month 2 allocation flg 689
AB04SM3 .... RC2 .... Rsn applied for State SSI in month 3 allocation flg 617
AB04SM4 .... RC2 .... Rsn applied for State SSI in month 4 allocation flg 545
AB21M1 .... RC2 .... Rsn applied for GA/GR in mth 1 allocation flg 710
AB21M2 .... RC2 .... Rsn applied GA/GR in mth 2 allocation flag 650
AB21M3 .... RC2 .... Rsn applied for GA/GR in month 3 allocation flag 578
AB21M4 .... RC2 .... Rsn applied for Gen Ast/Gen Relf allocation flag 506
AB24M1 .... RC2 .... Rsn applied other Welfare-mth 1 allocation flag 731
AB24M2 .... RC2 .... Rsn applied othr Welfare-mth 2 allocation flag 671
AB24M3 .... RC2 .... Rsn applied for other Welfare-mth 3 allocation flg 599
AB24M4 .... RC2 .... Rsn applied for other Welfare allocation flag 527
ACNTOTHR .... EM .... Number of added breaks in labor force allocat flg 166
ACOVB1M .... RC2 .... Month applied for Social Security that time 756
ACOVB1Y .... RC2 .... Year applied for Social Security that time 757
ACOVB3M .... RC2 .... Month applied for Fed SSI that time 764
ACOVB3Y .... RC2 .... Year applied for Fed SSI that time 765
ACOVB4M .... RC2 .... Month applied for State SSI that time 772
ACOVB4Y .... RC2 .... Year applied for State SSI that time 773
AFB220 .... RC1 .... Rsn applied for Food Stamps allocation flag 473
AFBG120M .... RC1 .... Month applied for Food Stamps allocation flag 451
AFBG120Y .... RC1 .... Year applied for Food Stamps allocation flag 452
AFBG21 .... RC1 .... Rsn applied for Food Stamps allocation flag 396
AFBG22 .... RC1 .... Rsn applied for Food Stamps allocation flag 420
AFBG23 .... RC1 .... Rsn applied for Food Stamps allocation flag 444
AFRMRMN .... EM .... Month last or previous job started allocation flag 156
AFRMRYR .... EM .... Year last or previous job started allocation flag 155
AFRSTRSN .... EM .... Care receiver of 1st caregivng spell alloc flg 170
AFSLONG1 .... TMR .... Length of time received FStamps(mth) allocation flg 790
AFSLONG2 .... TMR .... Length of time received FStamp(yrs) allocation flg 793
AFSSTRMN .... TMR .... Month first received food stamp allocation flag 782
AFSSTRYR .... TMR .... Year first received food stamp allocation flag 787
AFSTIMES .... TMR .... Number of times received FStamps allocation flg 796
AFSTP21 .... RC1 .... Rsn stopped receiving FStamps-mth 4 allocation flg 375
AFSTP22 .... RC1 .... Rsn stopped receiving FS - month 3 allocation flg 399
AFSTP23 .... RC1 .... Rsn stopped receiving FStamps-mth 2 allocation flg) 423
AFSTYRFR .... EM .... 1st time period of brk in labor force(Frm) alloc flg 167
AFSTYRTO .... EM .... 1st time period of brk in labor force(To) alloc flg 168

Variable			Description		Position
ALSTWRKM	.... EM	....	Month last worked allocation flag	....	152
ALSTWRKY	.... EM	....	Year last worked allocation flag	....	151
AMAKMNYR	.... EM	....	Year first worked 6 straight months allocation flag	....	157
AMNRESON	.... EM	....	Main rsn nevr wrked 6 strght mth at pd job alloc flg	....	158
ANOWRKFR	.... EM	....	Most recent time of brk labor force(From) allocat flg	....	163
ANOWRKTO	.... EM	....	Most recnt time of brk labor force (To) allocat flg	....	164
ANWRESN	.... EM	....	Care receiver of recent caregivng spell alloc flg	....	169
AOFF6MTN	.... EM	....	Break in labor force because of caregiving alloc flg	....	162
AOTHTIME	.... EM	....	Were there othr times when, didnt wrk allocation flg	....	165
APRVJBMN	.... EM	....	Month last worked, prior to ref prd allocation flg	....	154
APRVJBYR	.... EM	....	Yr last wrked,prior to ref period job allocation flg	....	153
ARCVAFDC	.... TMR	....	Authorized to receive AFDC/ADC allocation flag	....	802
ARECVFS	.... TMR	....	Authorized to receive Food Stamp allocation flag	....	779
ARECVSSI	.... TMR	....	Authorized to receive SSI allocation flag	....	825
ASSILNG1	.... TMR	....	Length of time received SSI(months) allocation flg	....	836
ASSILNG2	.... TMR	....	Length of time received SSI(years) allocation flg	....	839
ASSISTRM	.... TMR	....	Month first received SSI benefits allocation flg	....	828
ASSISTRY	.... TMR	....	Year first received SSI benefits allocation flg	....	833
ASTP03M2	.... RC2	....	Stopped receiving Fed SSI - mth 2 allocation flg	....	620
ASTP03M3	.... RC2	....	Stopped receiving Fed SSI in month 3	....	548
ASTP03M4	.... RC2	....	Rsn stopped receiving in month 4 allocation flag	....	476
ASTP04M2	.... RC2	....	Stopped receiving State SSI - mth 2 allocation flg	....	623
ASTP04M3	.... RC2	....	Stopped receiving State SSI in mth 3	....	551
ASTP04M4	.... RC2	....	Rsn stopped receiving in month 4 allocation flag	....	479
ASTP21M2	.... RC2	....	Stopped receiving GA/GR-mth 2 allocation flg	....	626
ASTP21M3	.... RC2	....	Stopped receiving Gen Ast/Gen relf in mth 3	....	554
ASTP21M4	.... RC2	....	Rsn stopped receiving in month 4 allocation flag	....	482
ASTP24M2	.... RC2	....	Stopped receiving other Welfare-mth 2 allocation flg	....	629
ASTP24M3	.... RC2	....	Stopped receiving other Welfare in month 3	....	557
ASTP24M4	.... RC2	....	Rsn stopped receiving in month 4 allocation flag	....	485
AWBG120M	.... RC1	....	Month applied for WIC that time allocation flag	....	350
AWBG120Y	.... RC1	....	Year applied for WIC that time allocation flag	....	351
AWBG21	.... RC1	....	Rsn applied for WIC allocation flag	....	295
AWBG22	.... RC1	....	Rsn applied for WIC allocation flag	....	319
AWBG220	.... RC1	....	Rsn applied for WIC allocation flag	....	372
AWBG23	.... RC1	....	Rsn applied for WIC allocation flag	....	343
AWRK35HR	.... EM	....	Worked 35 or more hours per week	....	161
AWSTP21	.... RC1	....	Rsn applied for WIC allocation flag	....	274
AWSTP22	.... RC1	....	Stopped receiving WIC allocation flag	....	298
AWSTP23	.... RC1	....	Rsn stopped receiving WIC in month 2 allocation flag	....	322
AYBG120M	.... RC1	....	Month applied for AFDC allocation flag	....	249
AYBG120Y	.... RC1	....	Year applied for AFDC allocation flag	....	250
AYBG21	.... RC1	....	Rsn applied for AFDC allocation flag	....	194
AYBG22	.... RC1	....	Rsn applied for AFDC allocation flag	....	218
AYBG220	.... RC1	....	Rsn applied for AFDC allocation flag	....	271
AYBG23	.... RC1	....	Rsn applied for AFDC allocation flag	....	242
AYRSINC2	.... EM	....	Number of yrs not wrked 6 straight mth allocat flg	....	160
AYRSINCE	.... EM	....	Worked annually at least 6 mths/yr allocation flag	....	159
AYSTP21	.... RC1	....	Stopped AFDC in month 4 allocation flag	....	173
AYSTP22	.... RC1	....	Stopped AFDC in month 3 allocation flag	....	197
AYSTP23	.... RC1	....	Stopped AFDC in month 2	....	221

<u>Variable</u>			<u>Description</u>	<u>Position</u>
EAFDCLG1	TMR		Length of time received AFDC/ADC(months)	811
EAFDCLG2	TMR		Length of time received AFDC/ADC(years)	814
EAFDCSTM	TMR		Month first received AFDC/ADC benefits	803
EAFDCTIM	TMR		Number of times received AFDC/ADC	817
EAPLAFDC	TMR		Ever applied for AFDC/ADC Program	797
EAPLFS	TMR		Ever applied for Food Stamp Program	774
EAPLSSI	TMR		Ever applied for SSI program	820
EB03S1M1	RC2		Rsn applied for Fed SSI-mth 1(1=Needed the money)	732
EB03S1M2	RC2		Rsn applied for Fed SSI-mth 2(1=Needed the money)	672
EB03S1M3	RC2		Rsn applied for Fed SSI-mth 3(1=Needed the money)	600
EB03S1M4	RC2		Rsn applied for Fed SSI in mth 4(1=Need the money)	528
EB03S2M1	RC2		Rsn applied Fed SSI-mth 1(2=Became disabled/blind)	734
EB03S2M2	RC2		Rsn applied for Fed SSI-mth 2(2=Became disabled/blind)	674
EB03S2M3	RC2		Rsn applied for Fed SSI-mth 3(2=Disabled/blind)	602
EB03S2M4	RC2		Rsn applied for Fed SSI in mth 4(2=disabled/blind)	530
EB03S3M1	RC2		Rsn applied for Fed SSI in month 1(3=Over 65)	736
EB03S3M2	RC2		Rsn applied for Fed SSI in month 2(3=Over 65)	676
EB03S3M3	RC2		Rsn applied for Fed SSI in month 3(3=Over 65)	604
EB03S3M4	RC2		Rsn applied for Fed SSI in month 4(3=Over 65)	532
EB03S4M1	RC2		Rsn applied for Fed SSI in month 1(4=Other)	738
EB03S4M2	RC2		Rsn applied for Fed SSI in month 2(4=Other)	678
EB03S4M3	RC2		Rsn applied for Fed SSI in month 3(4=Other)	606
EB03S4M4	RC2		Rsn applied for Fed SSI in month 4(4=Other)	534
EB04S1M1	RC2		Rsn applied State SSI mth 1(1=Needed the money)	741
EB04S1M2	RC2		Rsn applied for State SSI-mth 2(1=Needed the money)	681
EB04S1M3	RC2		Rsn applied for State SSI-mth 3(1=Needed the money)	609
EB04S1M4	RC2		Rsn applied for State SSI-mth 4(1=Needed the money)	537
EB04S2M1	RC2		Rsn applied State SSI mth 1(2=Became disabled/blind)	743
EB04S2M2	RC2		Rsn applied for State SSI-mth 2(2=Disabled/blind)	683
EB04S2M3	RC2		Rsn applied for State SSI-mth 3(2=Disabled/blind)	611
EB04S2M4	RC2		Rsn applied for State SSI-mth 4(2=disabled/blind)	539
EB04S3M1	RC2		Rsn applied State SSI-mth 1(3=Over 65)	745
EB04S3M2	RC2		Rsn applied for State SSI in month 2(3=Over 65)	685
EB04S3M3	RC2		Rsn applied for State SSI in month 3(3=Over 65)	613
EB04S3M4	RC2		Rsn applied for State SSI in month 4(3=Over 65)	541
EB04S4M1	RC2		Rsn applied for State SSI-mth 1(4=Other)	747
EB04S4M2	RC2		Rsn applied for State SSI in month 2(4=Other)	687
EB04S4M3	RC2		Rsn applied for State SSI in month 3(4=Other)	615
EB04S4M4	RC2		Rsn applied for State SSI in month 4(4=Other)	543
EB2101M1	RC2		Rsn applied GA/GR-mth 1(1=Needed the money)	690
EB2101M2	RC2		Rsn applied GA/GR-mth 2(1=Needed the money)	630
EB2101M3	RC2		Rsn applied for GA/GR in mth 3(1=Needed money)	558
EB2101M4	RC2		Rsn applied for other Welfare(1=Needed the money)	486
EB2102M1	RC2		Rsn applied GA/GR-mth 1(2=Preg/birth)	692
EB2102M2	RC2		Rsn applied for GA/GR-mth 2(2=Pregnancy/birth)	632
EB2102M3	RC2		Rsn applied for GA/GR - mth 3(2=Pregnancy/birth)	560
EB2102M4	RC2		Rsn applied for Gen Ast/Gen relf(2=Pregnancy/birth)	488
EB2103M1	RC2		Rsn applied GA/GR-mth 1(3=Received for another)	694
EB2103M2	RC2		Rsn applied GA/GR-mth 2(3=Receive for another)	634
EB2103M3	RC2		Rsn applied for GA/GR-mth 3(3=Receive for another)	562
EB2103M4	RC2		Rsn applied for Gen Ast/GRelf(3=Another dependent)	490

Variable		Description	Position
EB2104M1 .... RC2		Rsn applied GA/GR-mth 1(4=Separated/divorced)	696
EB2104M2 .... RC2		Rsn applied GA/GR in month 2(4=Sep/divorced)	636
EB2104M3 .... RC2		Rsn applied for GA/GR-mth 3(4=Separated/divorced)	564
EB2104M4 .... RC2		Rsn applied for GA/GR(4=Separate/divorced)	492
EB2105M1 .... RC2		Rsn applied GA/GR-mth 1(5=Loss of job/income)	698
EB2105M2 .... RC2		Rsn applied GA/GR in mth 2(5=Loss of job/income)	638
EB2105M3 .... RC2		Rsn applied GA/GR - mth 3(5=Loss job/income)	566
EB2105M4 .... RC2		Rsn applied for GA/GR(5=Loss of job/income)	494
EB2106M1 .... RC2		Rsn applied GA/GR-mth 1(6=Loss of other income)	700
EB2106M2 .... RC2		Rsn applied GA/GR in mth 2(6=Loss of other income)	640
EB2106M3 .... RC2		Rsn applied GA/GR - month 3(6=Loss other income)	568
EB2106M4 .... RC2		Rsn applied for Gen Ast/Gen relf(6=Loss other inc)	496
EB2107M1 .... RC2		Rsn applied GA/GR-mth 1(7=Just learned of prog)	702
EB2107M2 .... RC2		Rsn applied GA/GR in mth 2(7=Just learned of prog)	642
EB2107M3 .... RC2		Rsn for GA/GR - month 3(7=Just learned of prog)	570
EB2107M4 .... RC2		Rsn applied for Gen Ast/Gen relf(7=Just learn prog)	498
EB2108M1 .... RC2		Rsn applied GA/GR-mth 1(8=Just applied))	704
EB2108M2 .... RC2		Rsn applied GA/GR in mth 2(8=Just got to applying)	644
EB2108M3 .... RC2		Rsn applied GA/GR in month 3(8=Just applied)	572
EB2108M4 .... RC2		Rsn applied for Gen Ast/Gen relf(8=Just applied)	500
EB2109M1 .... RC2		Rsn applied GA/GR-mth 1(9=Became disabled)	706
EB2109M2 .... RC2		Rsn applied for GA/GR in mth 2(9=Became disabled)	646
EB2109M3 .... RC2		Rsn applied GA/GR in month 3(9=Became disabled)	574
EB2109M4 .... RC2		Rsn applied for Gen Ast/Gen Relf(9=disabled)	502
EB2110M1 .... RC2		Rsn applied for GA/GR-mth 1(10=Other)	708
EB2110M2 .... RC2		Rsn applied for GA/GR in mth 2(10=Other)	648
EB2110M3 .... RC2		Rsn applied for GA/GR in month 3(10=Other)	576
EB2110M4 .... RC2		Rsn applied for Gen Ast/Gen Relf(10=Other)	504
EB2401M1 .... RC2		Rsn applied other Welfare-mth 1(1=Needed the money)	711
EB2401M2 .... RC2		Rsn applied other Welfare-mth 2(1=Needed the money)	651
EB2401M3 .... RC2		Rsn applied for othr Welfare-mth 3(1=Needed money)	579
EB2401M4 .... RC2		Rsn applied for other Welfare(1=Needed the money)	507
EB2402M1 .... RC2		Rsn applied other Welfare-mth 1(2=Preg/birth)	713
EB2402M2 .... RC2		Rsn applied for other Welfare-mth 2(2=Preg/birth)	653
EB2402M3 .... RC2		Rsn applied for other Welfare-mth 3(2=Preg/birth)	581
EB2402M4 .... RC2		Rsn applied for other Welfare(2=Pregnancy/birth)	509
EB2403M1 .... RC2		Rsn applied other Welfare-mth 1(3=Recd for another)	715
EB2403M2 .... RC2		Rsn applied other Welfare-mth 2(3=Recd for another)	655
EB2403M3 .... RC2		Rsn applied for oth Welfare-mth 3(3=Recd for anthr)	583
EB2403M4 .... RC2		Rsn applied for other Welfare(3=Another dependent)	511
EB2404M1 .... RC2		Rsn applied other Welfare-mth 1(4=Sep/div)	717
EB2404M2 .... RC2		Rsn applied other Welfare-mth 2(4=Sep/divorced)	657
EB2404M3 .... RC2		Rsn applied for oth Welfare-mth 3(4=Separate/div)	585
EB2404M4 .... RC2		Rsn applied for other Welfare(4=Separate/divorced)	513
EB2405M1 .... RC2		Rsn applied other Welfare-mth 1(5=Loss of job/income)	719
EB2405M2 .... RC2		Rsn applied other Welfare-mth 2(5=Loss job/income)	659
EB2405M3 .... RC2		Rsn applied other Welfare-mth 3(5=Loss job/income)	587
EB2405M4 .... RC2		Rsn applied for other Welfare (5=Loss of job/income)	515
EB2406M1 .... RC2		Rsn applied GA/GR-mth 1(6=Loss of other income)	721
EB2406M2 .... RC2		Rsn applied othr Welfare-mth 2(6=Loss other income)	661
EB2406M3 .... RC2		Rsn applied other Welfare-mth 3(6=Loss othr income)	589

Variable		Description	Position
EB2406M4	RC2	Rsn applied for other Welfare(6=Loss other income)	517
EB2407M1	RC2	Rsn applied GA/GR-mth 1(7=Just learned of prog)	723
EB2407M2	RC2	Rsn applied othr Welfare-mth 2(7=Just learn prog)	663
EB2407M3	RC2	Rsn for other Welfare-mth 3(7=Just learned of prog)	591
EB2407M4	RC2	Rsn applied for other Welfare(7=Just learned prog)	519
EB2408M1	RC2	Rsn applied other Welfare-mth 1(8=Just applied)	725
EB2408M2	RC2	Rsn applied othr Welfare-mth 2(8=Just applied)	665
EB2408M3	RC2	Rsn applied other Welfare - month 3(8=Just applied)	593
EB2408M4	RC2	Rsn applied for other Welfare(8=Just applied)	521
EB2409M1	RC2	Rsn applied other Welfare-mth 1(9=Became disabled)	727
EB2409M2	RC2	Rsn applied othr Welfare-mth 2(9=Became disabled)	667
EB2409M3	RC2	Rsn applied othr Welfare - mth 3(9=Became Disabled)	595
EB2409M4	RC2	Rsn applied for other Welfare(9=disabled)	523
EB2410M1	RC2	Rsn applied for other Welfare in month 1(10=Other)	729
EB2410M2	RC2	Rsn applied for othr Welfare-mth 2(10=Other)	669
EB2410M3	RC2	Rsn applied for other Welfare in month 3(10=Other)	597
EB2410M4	RC2	Rsn applied for other Welfare(10=Other)	525
ECNTOTHR	EM	Number of additional breaks in the labor force	137
ECOVB1M	RC2	Month applied for Social Security that time	750
ECOVB3M	RC2	Month applied for Fed SSI that time	758
ECOVB4M	RC2	Month applied for State SSI that time	766
EEDUCATE	ED	Highest Degree received or grade completed	93
EENTAID	PE	Address ID of hhld where person entered sample	45
EFB22001	RC1	Rsn applied for Food Stamps (1=Needed the money)	453
EFB22002	RC1	Rsn applied for Food Stamps (2=Pregnancy/birth)	455
EFB22003	RC1	Rsn applied for Food Stamps(3=Received for another)	457
EFB22004	RC1	Rsn applied for Food Stamps (4=Separated/divorced)	459
EFB22005	RC1	Rsn applied for Food Stamps (5=Loss of job/income)	461
EFB22006	RC1	Rsn applied for Food Stamps (6=Loss other income)	463
EFB22007	RC1	Rsn applied for Food Stamps (7=Just learned prog)	465
EFB22008	RC1	Rsn applied for Food Stamps (8=Just applied)	467
EFB22009	RC1	Rsn applied for Food Stamps (9=Became disabled)	469
EFB22010	RC1	Rsn applied for Food Stamps (10=Other)	471
EFBG120M	RC1	Month applied for Food Stamps that time	445
EFBG2101	RC1	Rsn applied for Food Stamps (1=Needed the money)	376
EFBG2102	RC1	Rsn applied for Food Stamps (2=Pregnancy/birth)	378
EFBG2103	RC1	Rsn applied for FStamps (3=Received for another)	380
EFBG2104	RC1	Rsn applied GA Food Stamps (4=Separated/divorced)	382
EFBG2105	RC1	Rsn applied for Food Stamps (5=Loss of job/income)	384
EFBG2106	RC1	Rsn applied for Food Stamps (6=Loss other income)	386
EFBG2107	RC1	Rsn applied for FStamps (7=Just learned of prog)	388
EFBG2108	RC1	Rsn applied for FStamps (8=Just applied)	390
EFBG2109	RC1	Rsn applied for Food Stamps (9=Became disabled)	392
EFBG2110	RC1	Rsn applied for Food Stamps (10=Other)	394
EFBG2201	RC1	Rsn applied for Food Stamps (1=Needed the money)	400
EFBG2202	RC1	Rsn applied for Food Stamps (2=Pregnancy/birth)	402
EFBG2203	RC1	Rsn applied for FStamps(3=Received for another)	404
EFBG2204	RC1	Rsn applied for Food Stamps (4=Separated/divorced)	406
EFBG2205	RC1	Rsn applied for Food Stamps (5=Loss Job/income)	408
EFBG2206	RC1	Rsn applied for Food Stamps (6=Loss other income)	410
EFBG2207	RC1	Rsn applied for Food Stamps (8=Just learned prog)	412

Variable			Description	Position
EFBG2208	....	RC1	.... Rsn applied for Food Stamps (8=Just applied)	414
EFBG2209	....	RC1	.... Rsn applied for Food Stamps (9=Became disabled)	416
EFBG2210	....	RC1	.... Rsn applied for Food Stamps (10=Other)	418
EFBG2301	....	RC1	.... Rsn applied for Food Stamps (1=Needed the money)	424
EFBG2302	....	RC1	.... Rsn applied for Food Stamps (2=Pregnancy/birth)	426
EFBG2303	....	RC1	.... Rsn applied for FStamps (3=Received for another)	428
EFBG2304	....	RC1	.... Rsn applied for Food Stamps (4=Separated/divorced)	430
EFBG2305	....	RC1	.... Rsn applied for Food Stamps (5=Loss of job/income)	432
EFBG2306	....	RC1	.... Rsn applied for Food Stamps (6=Loss other income)	434
EFBG2307	....	RC1	.... Rsn applied for Food Stamps (7=Just learned prog)	436
EFBG2308	....	RC1	.... Rsn applied for Food Stamps (8=Just applied)	438
EFBG2309	....	RC1	.... Rsn applied for Food Stamps (9=Became disabled)	440
EFBG2310	....	RC1	.... Rsn applied for Food Stamps (10=Other)	442
EFRMRMN	....	EM	.... Month last or previous job started	111
EFRSTRSN	....	EM	.... Care receiver of 1st caregivng spell	149
EFSLONG1	....	TMR	.... Length of time received food stamp(months)	788
EFSLONG2	....	TMR	.... Length of time received food stamp(years)	791
EFSSTRMN	....	TMR	.... Month first received food stamp	780
EFSTIMES	....	TMR	.... Number of times received food stamps	794
EFSTP21	....	RC1	.... Rsn stopped receiving Food Stamps in month 4	373
EFSTP22	....	RC1	.... Rsn stopped receiving Food Stamps in month 3	397
EFSTP23	....	RC1	.... Rsn stopped receiving Food Stamps in month 2	421
ELSTWRKM	....	EM	.... Month last worked	99
EMNRESON	....	EM	.... Main reason never worked 6 straight mth at a paid job	117
EMS	....	PE	.... Marital status	72
ENWRESN	....	EM	.... Care receiver of most recent caregivng spell	147
EOFF6MTN	....	EM	.... Break in labor force because of caregiving(spells)	125
EORIGIN	....	PE	.... Origin of this person	58
EOTHTIME	....	EM	.... Were there othr times when, didnt wrk bcaus caregvng	135
EOUTCOME	....	HH	.... Interview Status code for fifth month household	27
EPNDAD	....	PE	.... Person number of father	77
EPNGUARD	....	PE	.... Person number of guardian	81
EPNMOM	....	PE	.... Person number of mother	73
EPNSPOUS	....	PE	.... Person number of spouse	85
EPOPSTAT	....	PE	.... Population status based on age in fourth ref. month	52
EPPIDX	....	PE	.... Person index	42
EPPINTVW	....	PE	.... Person's interview status at time of interview	53
EPPMIS4	....	PE	.... Person's 4th month interview status	55
EPPPNUM	....	PE	.... Person number	48
EPRVJBMN	....	EM	.... Month last worked, prior to reference period job	105
ERACE	....	PE	.... Race of this person	57
ERCVAFDC	....	TMR	.... Authorized to receive AFDC/ADC	800
ERECVFS	....	TMR	.... Authorized to receive Food Stamp	777
ERECVSSI	....	TMR	.... Authorized to receive SSI	823
ERRP	....	PE	.... Household relationship	70
ESEX	....	PE	.... Sex of this person	56
ESSILNG1	....	TMR	.... Length of time received SSI(months)	834
ESSILNG2	....	TMR	.... Length of time received SSI(years)	837
ESSISTRM	....	TMR	.... Month first received SSI benefits	826
ESTP03M2	....	RC2	.... Stopped receiving Fed SSI in month 2	618
ESTP03M3	....	RC2	.... Stopped receiving Fed SSI in month 3	546

Variable		Description	Position
ESTP03M4	RC2	Rsn stopped receiving in month 4	474
ESTP04M2	RC2	Stopped receiving State SSI in month 2	621
ESTP04M3	RC2	Stopped receiving State SSI in month 3	549
ESTP04M4	RC2	Rsn stopped receiving in month 4	477
ESTP21M2	RC2	Stopped receiving GA/GR in month 2	624
ESTP21M3	RC2	Stopped receiving Gen Ast/Gen relf in month 3	552
ESTP21M4	RC2	Rsn stopped receiving in month 4	480
ESTP24M2	RC2	Stopped receiving other Welfare in month 2	627
ESTP24M3	RC2	Stopped receiving other Welfare in month 3	555
ESTP24M4	RC2	Rsn stopped receiving in month 4	483
EWB22001	RC1	Rsn applied for WIC (1=Needed the money)	352
EWB22002	RC1	Rsn applied for WIC (2=Pregnancy/birth)	354
EWB22003	RC1	Rsn applied for WIC (3=Received for another)	356
EWB22004	RC1	Rsn applied for WIC (4=Separated/divorced)	358
EWB22005	RC1	Rsn applied for WIC (5=Loss job/income)	360
EWB22006	RC1	Rsn applied for WIC (6=Loss of other income)	362
EWB22007	RC1	Rsn applied for WIC (7=Just learned about program)	364
EWB22008	RC1	Rsn applied for WIC (8=Just got around to applying)	366
EWB22009	RC1	Rsn applied for WIC (9=Became disabled)	368
EWB22010	RC1	Rsn applied for WIC (10=Other)	370
EWBG120M	RC1	Month applied for WIC that time	344
EWBG2101	RC1	Rsn applied for WIC (1=Needed the money)	275
EWBG2102	RC1	Rsn applied for WIC (2=Pregnancy/birth)	277
EWBG2103	RC1	Rsn applied for WIC (3 Received another)	279
EWBG2104	RC1	Rsn applied for WIC (4=Separated/divorced)	281
EWBG2105	RC1	Rsn applied for WIC (5=Loss of job/income))	283
EWBG2106	RC1	Rsn applied for WIC (6=Loss of other support income)	285
EWBG2107	RC1	Rsn applied for WIC (7=Just learned about program)	287
EWBG2108	RC1	Rsn applied for WIC (8=Just got around to applying)	289
EWBG2109	RC1	Rsn applied for WIC (9=Became disabled)	291
EWBG2110	RC1	Rsn applied for WIC (10=Other)	293
EWBG2201	RC1	Rsn applied for WIC (1=Needed the money)	299
EWBG2202	RC1	Rsn applied for WIC (2=Pregnancy/birth)	301
EWBG2203	RC1	Rsn applied for WIC (3=Received for another)	303
EWBG2204	RC1	Rsn applied for WIC (4=Separated/divorced)	305
EWBG2205	RC1	Rsn applied for WIC (5=Loss of job/income)	307
EWBG2206	RC1	Rsn applied for WIC (6=Loss of other support income)	309
EWBG2207	RC1	Rsn applied for WIC (7=Just learned about the prog)	311
EWBG2208	RC1	Rsn applied for WIC (8=Just got around to applying)	313
EWBG2209	RC1	Rsn applied for WIC (9=Became disabled)	315
EWBG2210	RC1	Rsn applied for WIC (10=Other)	317
EWBG2301	RC1	Rsn applied for WIC (1=Needed the money)	323
EWBG2302	RC1	Rsn applied for WIC (2=Pregnancy/birth)	325
EWBG2303	RC1	Rsn applied for WIC (3=Received for another)	327
EWBG2304	RC1	Rsn applied for WIC (4=Separated/divorced)	329
EWBG2305	RC1	Rsn applied for WIC (5=Loss of job/income)	331
EWBG2306	RC1	Rsn applied for WIC (6=Loss of other support income)	333
EWBG2307	RC1	Rsn applied for WIC (7=Just learned about program)	335
EWBG2308	RC1	Rsn applied for WIC (8=Just got around to applying)	337
EWBG2309	RC1	Rsn applied for WIC (9=Became disabled)	339
EWBG2310	RC1	Rsn applied for WIC (10=Other)	341

Variable		Description	Position
EWRK35HR	EM	Worked 35 or more hours per week	123
EWSTP21	RC1	Rsn applied for WIC	272
EWSTP22	RC1	Stopped receiving WIC in month 3	296
EWSTP23	RC1	Rsn stopped receiving WIC in month 2	320
EYB22001	RC1	Rsn applied for AFDC (1=Needed the money)	251
EYB22002	RC1	Rsn applied for AFDC (2=Pregnancy/birth)	253
EYB22003	RC1	Rsn applied for AFDC (3=Received for another)	255
EYB22004	RC1	Rsn applied for AFDC (4=Separated/divorced)	257
EYB22005	RC1	Rsn applied for AFDC (5=Loss of job/income)	259
EYB22006	RC1	Rsn applied for AFDC (6=Loss of other support income)	261
EYB22007	RC1	Rsn applied for AFDC (7=Just learned about the program)	263
EYB22008	RC1	Rsn applied for AFDC (8=Just applied)	265
EYB22009	RC1	Rsn applied for AFDC (9=Became disabled)	267
EYB22010	RC1	Rsn applied for AFDC (10=Other)	269
EYBG120M	RC1	When did ... applied for AFDC that month?	247
EYBG2101	RC1	Rsn applied for AFDC (1=Needed the money)	174
EYBG2102	RC1	Rsn applied for AFDC (2=Pregnancy/birth)	176
EYBG2103	RC1	Rsn applied for AFDC (3=Received for another)	178
EYBG2104	RC1	Rsn applied for AFDC (4=Separated/divorced)	180
EYBG2105	RC1	Rsn applied for AFDC (5=Loss of job/income)	182
EYBG2106	RC1	Rsn applied for AFDC (6=Loss other support income)	184
EYBG2107	RC1	Rsn applied for AFDC (7=Just learned of program)	186
EYBG2108	RC1	Rsn applied for AFDC (8=Just got around to it)	188
EYBG2109	RC1	Rsn applied for AFDC (9=Became Disabled)	190
EYBG2110	RC1	Rsn applied for AFDC (10=Other)	192
EYBG2201	RC1	Rsn applied for AFDC (1=Needed the money)	198
EYBG2202	RC1	Rsn applied for AFDC (2=Pregnancy/birth)	200
EYBG2203	RC1	Rsn applied for AFDC (3=Received for another)	202
EYBG2204	RC1	Rsn applied for AFDC (4=Separated/divorced)	204
EYBG2205	RC1	Rsn applied for AFDC (5=Loss job/income)	206
EYBG2206	RC1	Rsn applied for AFDC (6=Loss of other support income)	208
EYBG2207	RC1	Rsn applied for AFDC (7=Just learned of program)	210
EYBG2208	RC1	Rsn applied for AFDC (8=Just got around to it)	212
EYBG2209	RC1	Rsn applied for AFDC (9=Became disabled)	214
EYBG2210	RC1	Rsn applied for AFDC (10=Other)	216
EYBG2301	RC1	Rsn applied for AFDC (1=Needed the money)	222
EYBG2302	RC1	Rsn applied for AFDC (2=Pregnancy/birth)	224
EYBG2303	RC1	Rsn applied for AFDC (3=Received for another)	226
EYBG2304	RC1	Rsn applied for AFDC (4=Separated/divorced)	228
EYBG2305	RC1	Rsn applied for AFDC (5=Loss job/income)	230
EYBG2306	RC1	Rsn applied for AFDC (6=Loss of support income)	232
EYBG2307	RC1	Rsn applied for AFDC (7=Just learned about program)	234
EYBG2308	RC1	Rsn applied for AFDC (8=Just got around to applying)	236
EYBG2309	RC1	Rsn applied for AFDC (9=Became disabled)	238
EYBG2310	RC1	Rsn applied for AFDC (10=Other)	240
EYRSINC2	EM	How many years has ... not worked 6 straight months	121
EYRSINCE	EM	Worked annually at least 6 month/year	119
EYSTP21	RC1	Stopped AFDC in month 4	171
EYSTP22	EM	General Income Code	195
EYSTP23	RC1	Stopped AFDC in month 2	219
RDESGPNT	PE	Designated parent or guardian flag	89

Variable		Description	Position
RFID	FA	Family ID Number in month four	36
RFID2	FA	Family ID excluding related subfamily members	39
SHHADID	SU	Hhld Address ID in fourth reference month	30
SINTHHID	SU	Hhld Address ID of person in interview month	33
SPANEL	SU	Sample Code - Indicates Panel Year	18
SROTATON	SU	Rotation of data collection	24
SSUID	SU	Sample Unit Identifier	6
SSUSEQ	SU	Sequence Number of Sample Unit - Primary Sort Key	1
SWAVE	SU	Wave of data collection	22
TAFDCSTY	TMR	Year first received AFDC/ADC benefits	806
TAGE	PE	Age as of last birthday	91
TCOVB1Y	RC2	Year applied for Social Security that time	752
TCOVB3Y	RC2	Year applied for Fed SSI that time	760
TCOVB4Y	RC2	Year applied for EGICODE that time	768
TFBG120Y	RC1	Year applied for Food Stamps that time	447
TFIPSST	SU	FIPS State Code for fifth month household	25
TFRMRYR	EM	Year last or previous job started	107
TFSSTRYR	TMR	Year first received food stamp	783
TFSTYRFR	EM	First time period of break in labor force(From)	139
TFSTYRTO	EM	First time period of break in labor force(To)	143
TLSTWRKY	EM	Year last worked	95
TMAKMNYR	EM	Year first worked 6 straight months	113
TNOWRKFR	EM	Most recent time of break in labor force (From)	127
TNOWRKTO	EM	Most recent time of break in labor force (To)	131
TPRVJBYR	EM	Year last worked, prior to reference period job	101
TSSISTRY	TMR	Year first received SSI benefits	829
TWBG120Y	RC1	Year applied for WIC that time	346
TYBG120Y	RC1	When did ... applied for AFDC that year?	243
WPFINWGT	WW	Person weight	60

HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the file contents and provides locations for each variable (record layout of the public-use computer tape file.) The first line ("D" Line) of each data item description gives the variable name, size of the data field, and the begin position of that field. The components include a short mnemonic or field name for use with software packages; field size; starting position; and a description of field contents with possible values.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (*) are provided throughout for the rest of the dictionary components. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size and begin position of each data item. The second line of each data item description begins with the character "T" (left-justified, two characters). The "T" flag indicates lines in the data dictionary containing the category code and short description of the variable. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Two examples of data item descriptions follow:

```
D RNOTAKE     2    813            D RRRSN       2    1218
T LF: Reason couldn't start job   T GI: Reason for receipt of Railroad
      Why couldn't ... have started a job?    Retirement pay
U All persons 15+ at the end of the reference      For what reason or reasons did ...
  period who were unable to start a job during     receive Railroad Retirement pay during
  weeks on layoff or looking for work.             the reference period? ISS Code 2
  EPOPSTAT = 1 and RTAKJOB = 2    U All persons 15 to 69 who receive disability
V        -1 .Not in universe        income and/or persons 15+ at the end of the
V         1 .Waiting for a new job to begin    reference period who receive retirement
V         2 .Own temporary illness    income and/or survivor benefits.
V         3 .School                V        -1 .Not in universe
V         4 .Other                 V         1 .Disability
                                   V         2 .Retirement
                                   V         3 .Survior
                                   V         4 .Disability and retirement
                                   V         5 .Disability and survivor
                                   V         6 .Retirement and survivor
                                   V         7 .Disability, retirement, and
                                   V           .survivor
                                   V         8 .No payment received
```

SURVEY OF INCOME AND PROGRAM PARTICIPATION, 1996 PANEL WAVE 1 TOPICAL MODULE DATA DICTIONARY

DATA   SIZE BEGIN

D SSUSEQ   5   1
T SU: Sequence Number of Sample Unit - Primary
  Sort Key
U All persons
V   1:50000 .Sequence Number

D SSUID   12   6
T SU: Sample Unit Identifier
     Sample Unit identifier This identifier is
     created by scrambling together the PSU,
     Segment, Serial, Serial Suffix of the
     original sample address. It may be used
     in matching sample units from different
     waves.
U All persons
V 0000000000
V   00:
V 9999999999
V   99 .Scrambled Id

D SPANEL   4   18
T SU: Sample Code - Indicates Panel Year
U All persons
V   1996 .Panel Year

D SWAVE   2   22
T SU: Wave of data collection
     Wave of data collection. The range of
     this variable is 1 through 12 to
     represent each wave in the 1996 Panel.
     For a specific cross-sectional product,
     the wave remains constant.
U All persons
V   1:12 .Wave of data collection

D SROTATON   1   24
T SU: Rotation of data collection
     Rotation within wave. Each wave of data
     is collected over a four calendar month
     period. The rotation field indicates
     which month within the wave a particular
     interview was conducted.
U All persons
V   1:4 .Rotation of data collection

D TFIPSST   2   25
T SU: FIPS State Code for fifth month
  household
     FIPS State Code Federal Information
     Processing Standards state (and state
     equivalent) code for the 50 states, and
     DC. For the Sample Unit
U All persons
See file "val76457.htm" for value set
description.

D EOUTCOME   3   27
T HH: Interview Status code for fifth month
  household
     Household interview status. In Wave 1,
     the only valid codes are 201, 203 and
     207.
See file "val76459.htm" for value set
description.

D SHHADID   3   30
T SU: Hhld Address ID in fourth reference
  month
     Household Address ID. This field
     differentiates households within the
     sample PSU, segment, serial, serial
     suffix; that is, households spawned from
     an original sample household. The Address
     ID in a specific wave should never be
     greater than (WAVE * 10 +9).
U All persons
V   11:129 .Household Address ID

D SINTHHID   3   33
T SU: Hhld Address ID of person in interview
  month
     Address ID of this person at time of
     interview (fifth month). Address ID in a
     specific wave should never be greater
     than (WAVE * 10 + 9).
U All persons
V   11:129 .Household Address ID

D RFID   3   36
T FA: Family ID Number in month four
     Family ID number may be used to identify
     all persons in the same family in the
     fourth reference month of a given wave.
     This ID is used for primary families,
     unrelated subfamilies, primary and
     secondary individuals. Persons related
     subfamilies have the primary family ID in
     this field.
U All persons
V   1:120 .Family ID number

D RFID2   3   39
T FA: Family ID excluding related subfamily
  members
     Family ID number excluding members of
     related subfamilies. Defined as of the
     fourth reference month of a given wave.
     This ID is used for all persons except
     related subfamily members.
U All persons except those in related
  subfamilies (excludes persons with ESFTYPE =
  2)
V   0 .Member of related subfamily
V   1:120 .Family ID number

```
DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN


D EPPIDX     3     42                      D ERACE      1     57
T PE: Person index                        T PE: Race of this person
    Person index. This field differentiates   U All persons
    persons within the sample unit. Person V        1 .White
    index is unique within the sample unit V        2 .Black
    and wave.                              V        3 .American Indian, Aleut, or
U All persons                             V          .Eskimo
V     1:999 .Person index                  V        4 .Asian or Pacific Islander


D EENTAID    3     45                      D EORIGIN    2     58
T PE: Address ID of hhld where person entered  T PE: Origin of this person
  sample                                   U All persons
    Address ID of the household that this   See file "val76470.htm" for value set
    person belonged to at the time this     description.
    person first became part of the sample.
    Address ID in a specific wave should    D WPFINWGT   10    60
    never be greater than (WAVE * 10 + 9).  T WW: Person weight
U All persons                                  Final person weight in fourth month of
V     11:129 .Entry address ID                 reference period. Four implied decimal
                                               positions
D EPPPNUM    4     48                      U All persons
T PE: Person number                        V 00000:9999999999 .Final person weight
    Person number. This field differentiates
    persons within the sample unit. Person D ERRP       2     70
    number is unique within the sample unit T PE: Household relationship
    across all waves of a panel. Person        Household relationship in fourth month of
    number for a specific wave should never    reference period.
    be greater than (WAVE * 100 + 99).     U All persons
U All persons                              V        1 .Reference person w/ rel. persons
V   101:1299 .Person number                V          .in hhld
                                           V        2 .Reference Person w/out rel.
D EPOPSTAT   1     52                      V          .persons in hhld
T PE: Population status based on age in fourth V     3 .Spouse of reference person
  ref. month                               V        4 .Child of reference person
    Population status. This field identifies V      5 .Grandchild of reference person
    whether or not a person was eligible to V      6 .Parent of reference person
    be asked a full set of questions, based V      7 .Brother/sister of reference
    on his/her age in the fourth month of the V        .person
    reference period.                      V        8 .Other relative of reference
U All persons                              V          .person
V        1 .Adult (15 years of age or older) V     9 .Foster child of reference person
V        2 .Child (Under 15 years of age)  V       10 .Unmarried partner of reference
                                           V          .person
D EPPINTVW   2     53                      V       11 .Housemate/roommate
T PE: Person's interview status at time of V       12 .Roomer/boarder
  interview                                V       13 .Other non-relative of reference
U All persons                              V          .person
V        1 .Interview (self)
V        2 .Interview (proxy)              D EMS        1     72
V        3 .Noninterview - Type Z          T PE: Marital status
V        4 .Nonintrvw - pseudo Type Z.  Left   Marital status in the fourth month of the
V          .sample during the reference        reference period.
V        5 .Children under 15 during       U All persons
V          .reference period               V        1 .Married, spouse present
                                           V        2 .Married, Spouse absent
D EPPMIS4    1     55                      V        3 .Widowed
T PE: Person's 4th month interview status  V        4 .Divorced
    Person's interview status for month 4  V        5 .Separated
U All persons                              V        6 .Never Married
V        1 .Interview
V        2 .Non-interview


D ESEX       1     56
T PE: Sex of this person
U All persons
V        1 .Male
V        2 .Female
```

DATA   SIZE BEGIN

D EPNMOM   4   73
T PE: Person number of mother
      Person number of mother in fourth month
      of the reference period. A person number
      in a specific wave should never be
      greater than (WAVE * 100 + 99).
U All persons
V   101:1299 .Person number
V   9999 .No mother in household

D EPNDAD   4   77
T PE: Person number of father
      Person number of father in fourth month
      of the reference period. A person number
      in a specific wave should never be
      greater than (WAVE * 100 + 99).
U All persons
V   101:1299 .Person number
V   9999 .No father in household

D EPNGUARD   4   81
T PE: Person number of guardian
      Person number of guardian in fourth month
      of the reference period. A person number
      in a specific wave should never be
      greater than (WAVE * 100 + 99).
U All persons, under age 20 who are never
  married TAGE < 20 and EMS=6 in the fourth
  reference month
V   -1 .Not in universe
V   101:1299 .Person number
V   9999 .Guardian not in household

D EPNSPOUS   4   85
T PE: Person number of spouse
      Person number of spouse in fourth month
      of the reference period. A person number
      in a specific wave should never be
      greater than (WAVE * 100 + 99).
U All persons
V   101:1299 .Person number
V   9999 .Spouse not in hhld or person not
V   .married

D RDESGPNT   2   89
T PE: Designated parent or guardian flag
      Is .. the designated parent or guardian
      of children under age 18 who live in this
      household?
U All persons 15+ at the end of the reference
  period. EPOPSTAT= 1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

DATA   SIZE BEGIN

D TAGE   2   91
T PE: Age as of last birthday
      Age as of last birthday. This is the
      person's age as of the end of the fourth
      reference month. Age is derived from
      reported or imputed month and year of
      birth. Bottom coding year of birth
      results in the top coding of age into the
      highest two single year age groups based
      on month of birth. Users should combine
      the last two age groups for microdata
      analysis.
U All persons
V   0 .Less than 1 full year old
V   1:88 .Number of years old

D EEDUCATE   2   93
T ED: Highest Degree received or grade
  completed
      What is the highest level of school ...
      has completed or the highest degree ...
      has received?
U All persons 15+ at end of reference period.
  EPOPSTAT = 1
V   -1 .Not in universe
V   31 .Less than 1st grade
V   32 .1st, 2nd, 3rd or 4th grade
V   33 .5th or 6th grade
V   34 .7th or 8th grade
V   35 .9th grade
V   36 .10th grade
V   37 .11th grade
V   38 .12th grade
V   39 .High school graduate - high
V   .school diploma or equivalent
V   40 .Some college but no degree
V   41 .Diploma or certificate from a
V   .voc, tech, trade or bus school
V   .beyond$
V   42 .Associate degree in college -
V   .Occupational/vocational program
V   43 .Associate Degree in college -
V   .Academic program
V   44 .Bachelors degree (For example:
V   .BA, AB, BS)
V   45 .Master's degree (For example:
V   .MA, MS, MEng, MSW, MBA)
V   46 .Professional School Degree (For
V   .example: MD,DDS,DVM,LLB,JD)
V   47 .Doctorate degree (For example:
V   .PhD, EdD)

D TLSTWRKY   4   95
T EM: Year last worked
      In what year did you last work at a paid
      job or business?
U All adults(18 to 75) without a
  job(EPDJBTHN=2) during the reference period
V   -1 .Not in universe
V   0 .Never worked
V 1926:1996 .Year last work at paid
V   .job/business

DATA   SIZE BEGIN

D ELSTWRKM   2   99
T EM: Month last worked
      In what month did you last work at a paid
      job or business?
U All adults without a job during the
  reference period and the year last worked
  was within 2 years prior to 1996. (2 years
  before year of interview) [EPDJBTHN=2 &
  ELSTWRKY>=INTYR-2]
V   -1 .Not in Universe
V   1:12 .Month last work at paid
V   .job/business

D TPRVJBYR   4   101
T EM: Year last worked, prior to reference
  period job
      Before 1st reference month, in what year
      did you last work at a paid job or
      business?
U All adults(18-75) with a job in at least one
  week of the reference period, but not in the
  first week[EPDJBTHN=1 & EWKSWK01=0]
V   -1 .Not in universe
V   0 .Never worked
V 1926:1996 .Last year worked at job/business

D EPRVJBMN   2   105
T EM: Month last worked, prior to reference
  period job
      Before 1st reference month, in what month
      did you last work at a paid job or
      business?
U All adults(18-75) with EPRVJBYR>=INTYR-2
V   -1 .Not in Universe
V   1:12 .Last month worked at
V   .job/business

D TFRMRYR   4   107
T EM: Year last or previous job started
      In what year did ... start the job or
      business?
U All adults(18-75) who did not hold a job in
  the first week of the reference period but
  held one between 1986 and the beginning of
  the reference period.
V   -1 .Not in Universe
V 1926:1996 .Year started work

D EFRMRMN   2   111
T EM: Month last or previous job started
      In what month did ... start the job or
      business?
U All adults with EFRMRYR>=INTYR-2
V   -1 .Not in Universe
V   1:12 .Month started work

D TMAKMNYR   4   113
T EM: Year first worked 6 straight months
      How old was ... when ... first worked 6
      straight months at some job or business?
U All adults(18-75) who ever
  worked((ELSTWRKY>0 OR ELSTWRKY=-1) AND
  (EPRVJBYR>0 OR EPRVJBYR=-1))
V   -1 .Not in Universe
V   0 .Never worked 6 straight months
V 1926:1996 .Year worked 6 straight months

DATA   SIZE BEGIN

D EMNRESON   2   117
T EM: Main reason never worked 6 straight mth
  at a paid job
      What is the main reason ... never worked
      6 straight months at a paid job or
      business?
U All adults(18-75) who never worked at all or
  never worked 6 consecutive months(ELSTWRKY=0
  OR EPRVJBYR=0 OR EMAKMNYR=0
V   -1 .Not in Universe
V   1 .Taking care of minor child
V   2 .Taking care of an elderly family
V   .member
V   3 .Taking care of disabled but
V   .nonelderly family member
V   4 .Other family or home
V   .responsibilities
V   5 .Own illness or disability
V   6 .Could not find work
V   7 .Did not want to work
V   8 .Going to school
V   9 .Other

D EYRSINCE   2   119
T EM: Worked annually at least 6 month/year
      Between the year ... first held a job 6
      straight months and the Interview
      Year(1995/1996), did ... work at least 6
      straight months during each year?
U All adults(18-75) with EMAKMNYR>0 AND
  EMAKMNYR<>INTYR
V   -1 .Not in Universe
V   1 .Yes
V   2 .No

D EYRSINC2   2   121
T EM: How many years has ... not worked 6
  straight months
      In how many of those (difference between
      INTYR and EMAKMNYR) years has ... not
      worked 6 straight months?
U All adults (18-75)with EYRSINCE=2
V   -1 .Not in Universe
V   1:60 .Number of years not worked

D EWRK35HR   2   123
T EM: Worked 35 or more hours per week
      During the time since the year when ...
      first worked 6 straight months,has ...
      generally worked 35 or more hours per
      week?
U All adults with EMAKMNYR>0
V   -1 .Not in universe
V   1 .Yes
V   2 .No

```
DATA        SIZE  BEGIN                       DATA        SIZE  BEGIN


D EOFF6MTN   2    125                         D TFSTYRFR   4    139
T EM: Break in labor force because of         T EM: First time period of break in labor
  caregiving(spells)                            force(From)
      Since the year when... first worked 6         When was the first time that this
      straight months have there been any           happened (Please report the beginning
      periods lasting 6 months or longer when       year of the period)
      ... did not work at a paid job or       U All adults and EOTHTIME=1
      business because ... was taking care of a  V       -1 .Not in Universe
      child, an elderly person or a disabled  V  1926:1996 .Year this first happened(FROM)
      person?
U All adults 21 to 62 who have EMAKMNYR>0     D TFSTYRTO   4    143
V          -1 .Not in Universe                T EM: First time period of break in labor
V           1 .Yes                              force(To)
V           2 .No                                   When was the first time that this
                                                    happened? (Please report the ending year
D TNOWRKFR   4    127                                of the period)
T EM: Most recent time of break in labor force  U All adults and EOTHTIME1
  (From)                                       V          -1 .Not in  Universe
      When was the most recent time period that  V  1926:1996 .Year this first happened(TO)
      this happened? (Please report the
      beginning year of the period)           D ENWRESN    2    147
U All adults 21-62 and EOFF6MTN=1             T EM: Care receiver of most recent caregivng
V          -1 .Not in Universe                  spell
V  1926:1996 .Year break started                    For the most recent time, which one of
                                                    the following was ... taking care of?
D TNOWRKTO   4    131                         U All adults 21-62 with EOFF6MTN=1
T EM: Most recent time of break in labor force  V       -1 .Not in Universe
  (To)                                         V           1 .A  minor  child
      When was the most recent time period that  V         2 .An elderly family member
      this happened (Please report the ending  V           3 .A disabled but non-elderly
      year of the period)                      V             .family member
U All adults 21-62 and EOFF6MTN=1
V          -1 .Not in Universe                D EFRSTRSN   2    149
V  1926:1996 .Year break ended                T EM: Care receiver of 1st caregivng spell
                                                    For the first spell, of being outside the
D EOTHTIME   2    135                                labor force because of care giving, which
T EM: Were there othr times when, didnt wrk         one of the following was ... taking care
  bcaus caregvng                                    of?
      Since the first year ... worked 6       U All adults 21-62 with EOTHTIME=1
      straight months, were there any other   V          -1 .Not in Universe
      periods of 6 months or longer when ...   V           1 .A  minor  child
      did not work at a paid job or business  V           2 .An elderly family member
      because... was taking taking care of a   V          3 .A disabled but non-elderly
      child, elderly person or disabled person?  V           .family member
U All adults 21-62 who have EOFF6MTN=1
V          -1 .Not in Universe                D ALSTWRKY   1    151
V           1 .Yes                            T EM: Year last worked allocation flag
V           2 .No                                   Imputation flag for ELSTWRKY
                                              V           0 .Not imputed
D ECNTOTHR   2    137                         V           1 .Imputed
T EM: Number of additional breaks in the labor  V         2 .Cold Deck Imputation
  force                                        V           3 .Logical Imputation (Derivation)
      How many other time(s) was there a break
      in labor force for at least 6 months    D ALSTWRKM   1    152
      because of care giving.                  T EM: Month last worked allocation flag
U All adults 21-62 with EOTHTIME=1                  Imputation flag for ELSTWRKM
V          -1 .Not in  Universe               V           0 .Not imputed
V        0:60 .Number of breaks in labor      V           1 .Imputed
                                              V           2 .Cold Deck Imputation
                                              V           3 .Logical Imputation (Derivation)
```

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DATA       SIZE  BEGIN

D APRVJBYR   1    153
T EM: Yr last wrked,prior to ref period job
  allocation flg
     Imputation flag for EPRVJBYR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D APRVJBMN   1    154
T EM: Month last worked, prior to ref prd
  allocation flg
     Imputation flag for EPRVJBMN
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D AFRMRYR    1    155
T EM: Year last or previous job started
  allocation flag
     Imputation flag for EFRMRYR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D AFRMRMN    1    156
T EM: Month last or previous job started
  allocation flag
     Imputation flag for EFRMRMN
V         0 .Not impute
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D AMAKMNYR   1    157
T EM: Year first worked 6 straight months
  allocation flag
     Imputation flag for EMAKMNYR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck  Imputation
V         3 .Logical Imputation (Derivation)

D AMNRESON   1    158
T EM: Main rsn nevr wrked 6 strght mth at pd
  job alloc flg
     Imputation flag for EMNRESON
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck  Imputation
V         3 .Logical Imputation (Derivation)

D AYRSINCE   1    159
T EM: Worked annually at least 6 mths/yr
  allocation flag
     Imputation flag for EYRSINCE
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck  Imputation
V         3 .Logical Imputation (Derivation)

DATA       SIZE  BEGIN

D AYRSINC2   1    160
T EM: Number of yrs not wrked 6 straight mth
  allocat flg
     Imputation flag for EYRSINC2
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold  Deck  Imputation
V         3 .Logical Imputation  (Derivation)

D AWRK35HR   1    161
T EM: Worked 35 or more hours per week
     Imputation flag for EWRK35HR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D AOFF6MTN   1    162
T EM: Break in labor force because of
  caregiving alloc flg
     Imputation flag for EOFF6MTN
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold  Deck  Imputation
V         3 .Logical Imputation (Derivation)

D ANOWRKFR   1    163
T EM: Most recent time of brk labor
  force(From) allocat flg
     Imputation flag for ENOWRKFR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical  Imputation
V           .(Derivation)

D ANOWRKTO   1    164
T EM: Most recnt time of brk labor force (To)
  allocat flg
     Imputation flag for ENOWRKTO
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical  Imputation
V           .(Derivation)

D AOTHTIME   1    165
T EM: Were there othr times when, didnt wrk
  allocation flg
     Imputation flag for EOTHTIME
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold  Deck  Imputation
V         3 .Logical  Imputation
V           .(Derivation)

D ACNTOTHR   1    166
T EM: Number of added breaks in labor force
  allocat flg
     Imputation flag for ECNTOTHR
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical  Imputation
V           .(Derivation)
```

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DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN


D AFSTYRFR   1    167                      D EYBG2101   2    174
T EM: 1st time period of brk in labor      T RC1: Rsn applied for AFDC (1=Needed the
  force(Frm) alloc flg                       money)
    Imputation flag for EFSTYRFR                 What set of circumstances led to .... to
V        0 .Not imputed                         apply for AFDC in month 4? (1=Needed the
V        1 .Imputed                             money)
V        2 .Cold Deck  Imputation          U All adults who received AFDC in month 3 but
V        3 .Logical Imputation (Derivation)  not in month 4
                                           V       -1 .Not in universe
D AFSTYRTO   1    168                      V        1 .Circumstance for applying
T EM: 1st time period of brk in labor      V        2 .Not a circumstance for applying
  force(To) alloc flg
    Imputation flag for EFSTYRTO           D EYBG2102   2    176
V        0 .Not imputed                    T RC1: Rsn applied for AFDC
V        1 .Imputed                          (2=Pregnancy/birth)
V        2 .Cold Deck  Imputation              What set of circumstances led to .... to
V        3 .Logical Imputation (Derivation)    apply for AFDC in month 4?
                                               (2=Pregnancy/birth of child)
D ANWRESN    1    169                      U All adults who received AFDC in month 3 but
T EM: Care receiver of recent caregivng spell  not in month 4
  alloc flg                                V       -1 .Not in universe
    Imputation flag for ENWRESN            V        1 .Circumstance for applying
V        0 .Not imputed                    V        2 .Not a circumstance for applying
V        1 .Imputed
V        2 .Cold Deck  Imputation          D EYBG2103   2    178
V        3 .Logical Imputation (Derivation) T RC1: Rsn applied for AFDC (3=Received for
                                             another)
D AFRSTRSN   1    170                          What set of circumstances led to .... to
T EM: Care receiver of 1st caregivng spell     apply for AFDC in month 4? (3=Began
  alloc flg                                    receiving for another dependent)
    Imputation flag for EFRSTRSN           U All adults who received AFDC in month 3 but
V        0 .Not imputed                      not in month 4
V        1 .Imputed                        V       -1 .Not in universe
V        2 .Cold Deck  Imputation          V        1 .Circumstance for applying
V        3 .Logical Imputation (Derivation) V        2 .Not a circumstance for applying

D EYSTP21    2    171                      D EYBG2104   2    180
T RC1: Stopped AFDC in month 4             T RC1: Rsn applied for AFDC
    What set of circumstances caused ... to   (4=Separated/divorced)
    stop receiving AFDC in month 4 ?           What set of circumstances led to .... to
U All adults with GI code of 20 and received   apply for AFDC in month 4? (4=Separated
  in month 3 but not in month 4               of divorced from spouse/partner)
V       -1 .Not in Universe                U All adults who received AFDC in month 3 but
V        1 .Became ineligible because of     not in month 4
V          .increased income               V       -1 .Not in universe
V        2 .Because of family changes      V        1 .Circumstance for applying
V        3 .Still eligible but could       V        2 .Not a circumstance for applying
V          .not/chose not to collect
V        4 .Other, specify                 D EYBG2105   2    182
                                           T RC1: Rsn applied for AFDC (5=Loss of
D AYSTP21    1    173                         job/income)
T RC1: Stopped AFDC in month 4 allocation flag   What set of circumstances led to .... to
    Imputation flag for EYSTP21                apply for AFDC in month 4? (5=Loss of
U All adults with GI code of 20 and received   job/wages/other income)
  in month 3 but not in month 4           U All adults who received AFDC in month 3 but
V        0 .Not imputed                      not in month 4
V        1 .Imputed                        V       -1 .Not in universe
V        2 .Cold Deck Imputation           V        1 .Circumstance for applying
V        3 .Logical Imputation (Derivation) V        2 .Not a circumstance for applying
```

DATA   SIZE BEGIN

D EYBG2106   2   184
T RC1: Rsn applied for AFDC (6=Loss other
  support income)
      What set of circumstances led to .... to
      apply for AFDC in month 4? (6=Loss of
      other support income)
U All adults who received AFDC in month 3 but
  not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2107   2   186
T RC1: Rsn applied for AFDC (7=Just learned of
  program)
      What set of circumstances led to .... to
      apply for AFDC in month 4? (7=Just
      learned about the program)
U All adults who received AFDC in month 4 and
  not in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2108   2   188
T RC1: Rsn applied for AFDC (8=Just got around
  to it)
      What set of circumstances led to .... to
      apply for AFDC in month 4? (8=Just got
      around to applying)
U All adults who received AFDC in month 4 and
  not in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2109   2   190
T RC1: Rsn applied for AFDC (9=Became
  Disabled)
      What set of circumstances led to .... to
      apply for AFDC in month 4? (9=Became
      disabled)
U All adults who received AFDC in month 4 and
  not in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2110   2   192
T RC1: Rsn applied for AFDC (10=Other)
      What set of circumstances led to .... to
      apply for AFDC in month 4? (10=Other,
      specify)
U All adults who received AFDC in month 4 and
  not in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D AYBG21   1   194
T RC1: Rsn applied for AFDC allocation flag
      Imputation flag for EYBG2101 thru
      EYBG2110
U All adults who received AFDC in month 4 and
  not in month 3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EYSTP22   2   195
T EM: General Income Code
      What set of circumstances caused ... to
      stop receiving AFDC in month 3?
U All adults who received AFDC in month 2 and
  not in month 3
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AYSTP22   1   197
T RC1: Stopped AFDC in month 3 allocation flag
      Imputation flag for EYSTP22
U All adults who received AFDC in month 2 and
  not in month 3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EYBG2201   2   198
T RC1: Rsn applied for AFDC (1=Needed the
  money)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (1=Needed the
      money)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2202   2   200
T RC1: Rsn applied for AFDC
  (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for AFDC in month 3?
      (2=Pregnancy/birth of child)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EYBG2203   2   202
T RC1: Rsn applied for AFDC (3=Received for
  another)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (3=Began
      receiving for another dependent)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2204   2   204
T RC1: Rsn applied for AFDC
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (4=Separated
      of divorced from spouse/partner)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2205   2   206
T RC1: Rsn applied for AFDC (5=Loss
  job/income)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (5=Loss of
      job/wages/other income)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2206   2   208
T RC1: Rsn applied for AFDC (6=Loss of other
  support income)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (6=Loss of
      other support income)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2207   2   210
T RC1: Rsn applied for AFDC (7=Just learned of
  program)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (7=Just
      learned about the program)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EYBG2208   2   212
T RC1: Rsn applied for AFDC (8=Just got around
  to it)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (8=Just got
      around to applying)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2209   2   214
T RC1: Rsn applied for AFDC (9=Became
  disabled)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (9=Became
      disabled)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYBG2210   2   216
T RC1: Rsn applied for AFDC (10=Other)
      What set of circumstances led to .... to
      apply for AFDC in month 3? (10=Other,
      specify)
U All adults who received AFDC in month 3 and
  not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AYBG22   1   218
T RC1: Rsn applied for AFDC allocation flag
      Imputation flag for EYBG2201 thru
      EYBG2210
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EYSTP23   2   219
T RC1: Stopped AFDC in month 2
      What set of circumstances caused ... to
      stop receiving AFDC in month 2?
U All adults who received AFDC in month 1 and
  not in month 2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AYSTP23   1   221
T RC1: Stopped AFDC in month 2
      Imputation flag for EYSTP23
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

```
DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

D EYBG2301   2    222                            D EYBG2306   2    232
T RC1: Rsn applied for AFDC (1=Needed the        T RC1: Rsn applied for AFDC (6=Loss of support
  money)                                           income)
      What set of circumstances led to .... to         What set of circumstances led to .... to
      apply for AFDC in month 2? (1=Needed the          apply for AFDC in month 2? (6=Loss of
      money)                                            other support income)
U All adults who received AFDC in month 2 and    U All adults who received AFDC in month 2 and
  not in month 1                                   not in month 1
V        -1 .Not in universe                     V        -1 .Not in universe
V         1 .Circumstance for applying           V         1 .Circumstance for applying
V         2 .Not a circumstance for applying     V         2 .Not a circumstance for applying

D EYBG2302   2    224                            D EYBG2307   2    234
T RC1: Rsn applied for AFDC                      T RC1: Rsn applied for AFDC (7=Just learned
  (2=Pregnancy/birth)                              about program)
      What set of circumstances led to .... to         What set of circumstances led to .... to
      apply for AFDC in month 2?                        apply for AFDC in month 2? (7=Just
      (2=Pregnancy/birth of child)                      learned about the program)
U All adults who received AFDC in month 2 and    U All adults who received AFDC in month 2 and
  not in month 1                                   not in month 1
V        -1 .Not in universe                     V        -1 .Not in universe
V         1 .Circumstance for applying           V         1 .Circumstance for applying
V         2 .Not a circumstance for applying     V         2 .Not a circumstance for applying

D EYBG2303   2    226                            D EYBG2308   2    236
T RC1: Rsn applied for AFDC (3=Received for      T RC1: Rsn applied for AFDC (8=Just got around
  another)                                         to applying)
      What set of circumstances led to .... to         What set of circumstances led to .... to
      apply for AFDC in month 2? (3=Began               apply for AFDC in month 2? (8=Just got
      receiving for another dependent)                  around to applying)
U All adults who received AFDC in month 2 and    U All adults who received AFDC in month 2 and
  not in month 1                                   not in month 1
V        -1 .Not in universe                     V        -1 .Not in universe
V         1 .Circumstance for applying           V         1 .Circumstance for applying
V         2 .Not a circumstance for applying     V         2 .Not a circumstance for applying

D EYBG2304   2    228                            D EYBG2309   2    238
T RC1: Rsn applied for AFDC                      T RC1: Rsn applied for AFDC (9=Became
  (4=Separated/divorced)                           disabled)
      What set of circumstances led to .... to         What set of circumstances led to .... to
      apply for AFDC in month 2? (4=Separated           apply for AFDC in month 2? (9=Became
      of divorced from spouse/partner)                  disabled)
U All adults who received AFDC in month 2 and    U All adults who received AFDC in month 2 and
  not in month 1                                   not in month 1
V        -1 .Not in universe                     V        -1 .Not in universe
V         1 .Circumstance for applying           V         1 .Circumstance for applying
V         2 .Not a circumstance for applying     V         2 .Not a circumstance for applying

D EYBG2305   2    230                            D EYBG2310   2    240
T RC1: Rsn applied for AFDC (5=Loss              T RC1: Rsn applied for AFDC (10=Other)
  job/income)                                          What set of circumstances led to .... to
      What set of circumstances led to .... to          apply for AFDC in month 2? MARK ALL THAT
      apply for AFDC in month 2? (5=Loss of             APPLY: 10=Other, specify
      job/wages/other income)                    U All adults who received AFDC in month 2 and
U All adults who received AFDC in month 2 and      not in month 1
  not in month 1                                 V        -1 .Not in universe
V        -1 .Not in universe                     V         1 .Circumstance for applying
V         1 .Circumstance for applying           V         2 .Not a circumstance for applying
V         2 .Not a circumstance for applying
                                                 D AYBG23     1    242
                                                 T RC1: Rsn applied for AFDC allocation flag
                                                       Imputation flag for EYBG2301 thru
                                                       EYBG2310
                                                 V         0 .Not imputed
                                                 V         1 .Imputed
                                                 V         2 .Cold Deck Imputation
                                                 V         3 .Logical Imputation (Derivation)
```

DATA   SIZE BEGIN   DATA   SIZE BEGIN

D TYBG120Y   4   243
T RC1: When did ... applied for AFDC that
  year?
       When did ... apply for AFDC that time?
U All adults who received AFDC in month 1
V   -1 .Not in universe
V 1926:1996 .Year applied for AFDC

D EYBG120M   2   247
T RC1: When did ... applied for AFDC that
  month?
       When did ... apply for AFDC that time?
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1:12 .Jan. thru Dec

D AYBG120M   1   249
T RC1: Month applied for AFDC allocation flag
    Imputation flag for EYBG120M
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D AYBG120Y   1   250
T RC1: Year applied for AFDC allocation flag
    Imputation flag for EYBG120Y
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EYB22001   2   251
T RC1: Rsn applied for AFDC (1=Needed the
  money)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (1=Needed the
       money)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22002   2   253
T RC1: Rsn applied for AFDC
  (2=Pregnancy/birth)
       What set of circumstances led to .... to
       apply for AFDC in month 1?
       (2=Pregnancy/birth of child)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22003   2   255
T RC1: Rsn applied for AFDC (3=Received for
  another)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (3=Began
       receiving for another dependent)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22004   2   257
T RC1: Rsn applied for AFDC
  (4=Separated/divorced)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (4=Separated
       of divorced from spouse/partner)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22005   2   259
T RC1: Rsn applied for AFDC (5=Loss of
  job/income)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (5=Loss of
       job/wages/other income)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22006   2   261
T RC1: Rsn applied for AFDC (6=Loss of other
  support income)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (6=Loss of
       other support income)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22007   2   263
T RC1: Rsn applied for AFDC (7=Just learned
  about the program)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (7=Just
       learned about the program)
U All adults with GI code and received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22008   2   265
T RC1: Rsn applied for AFDC (8=Just applied)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (8=Just got
       around to applying)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EYB22009   2   267
T RC1: Rsn applied for AFDC (9=Became
  disabled)
       What set of circumstances led to .... to
       apply for AFDC in month 1? (9=Became
       disabled)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EYB22010   2   269
T RC1: Rsn applied for AFDC (10=Other)
     What set of circumstances led to .... to
     apply for AFDC in month 1? (10=Other,
     specify)
U All adults who received AFDC in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AYBG220   1   271
T RC1: Rsn applied for AFDC allocation flag
     Imputation flag for EYB22001 thru
     EYB22010
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EWSTP21   2   272
T RC1: Rsn applied for WIC
     What set of circumstances caused ... to
     stop receiving WIC in month 4 ?
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AWSTP21   1   274
T RC1: Rsn applied for WIC allocation flag
     Imputation flag for EWSTP21
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EWBG2101   2   275
T RC1: Rsn applied for WIC (1=Needed the
  money)
     What set of circumstances led to .... to
     apply for WIC in month 4? (1=Needed the
     money)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2102   2   277
T RC1: Rsn applied for WIC (2=Pregnancy/birth)
     What set of circumstances led to .... to
     apply for WIC in month 4?
     (2=Pregnancy/birth of child)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2103   2   279
T RC1: Rsn applied for WIC (3 Received
  another)
     What set of circumstances led to .... to
     apply for WIC in month 4? (3=Began
     receiving for another dependent)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2104   2   281
T RC1: Rsn applied for WIC
  (4=Separated/divorced)
     What set of circumstances led to .... to
     apply for WIC in month 4? (4=Separated of
     divorced from spouse/partner)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2105   2   283
T RC1: Rsn applied for WIC (5=Loss of
  job/income))
     What set of circumstances led to .... to
     apply for WIC in month 4? (5=Loss of
     job/wages/other income)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2106   2   285
T RC1: Rsn applied for WIC (6=Loss of other
  support income)
     What set of circumstances led to .... to
     apply for WIC in month 4? (6=Loss of
     other support income)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2107   2   287
T RC1: Rsn applied for WIC (7=Just learned
  about program)
     What set of circumstances led to .... to
     apply for WIC in month 4? (7=Just learned
     about the program)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EWBG2108   2   289
T RC1: Rsn applied for WIC (8=Just got around
  to applying)
      What set of circumstances led to .... to
      apply for WIC in month 4? (8=Just got
      around to applying)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2109   2   291
T RC1: Rsn applied for WIC (9=Became disabled)
      What set of circumstances led to .... to
      apply for WIC in month 4? (9=Became
      disabled)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2110   2   293
T RC1: Rsn applied for WIC (10=Other)
      What set of circumstances led to .... to
      apply for WIC in month 4? (10=Other,
      specify)
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AWBG21   1   295
T RC1: Rsn applied for WIC allocation flag
      Imputation flag for EWBG2101 thru
      EWBG2110
U All adults receiving WIC in month 4 and not
  in month 3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EWSTP22   2   296
T RC1 Stopped receiving WIC in month 3
      What set of circumstances caused ... to
      stop receiving WIC in month 3?
U All adults receiving WIC in month 4 and not
  in month 3
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AWSTP22   1   298
T RC1 Stopped receiving WIC allocation flag
      Imputation flag for EWSTP22
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

DATA   SIZE BEGIN

D EWBG2201   2   299
T RC1: Rsn applied for WIC (1=Needed the
  money)
      What set of circumstances led to .... to
      apply for WIC in month 3? (1=Needed the
      money)
U All adults receiving WIC in month 3 and not
  in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2202   2   301
T RC1: Rsn applied for WIC (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for WIC in month 3?
      (2=Pregnancy/birth of child)
U All adults receiving WIC in month 3 and not
  in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2203   2   303
T RC1: Rsn applied for WIC (3=Received for
  another)
      What set of circumstances led to .... to
      apply for WIC in month 3? (3=Began
      receiving for another dependent)
U All adults receiving WIC in month 3 and not
  in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2204   2   305
T RC1: Rsn applied for WIC
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for WIC in month 3? (4=Separated of
      divorced from spouse/partner)
U All adults receiving WIC in month 3 and not
  in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EWBG2205   2   307
T RC1: Rsn applied for WIC (5=Loss of
  job/income)
      What set of circumstances led to .... to
      apply for WIC in month 3? (5=Loss of
      job/wages/other income)
U All adults receiving WIC in month 3 and not
  in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

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DATA       SIZE  BEGIN                          DATA       SIZE  BEGIN


D EWBG2206   2    309                           D EWSTP23    2    320
T RC1: Rsn applied for WIC (6=Loss of other     T RC1: Rsn stopped receiving WIC in month 2
  support income)                                      What set of circumstances caused ... to
      What set of circumstances led to .... to         stop receiving WIC in month 2?
      apply for WIC in month 3? (6=Loss of      U All adults receiving WIC in month 3 and not
      other support income)                       in month 2
U All adults receiving WIC in month 3 and not    V       -1 .Not in Universe
  in month 2                                     V        1 .Became ineligible because of
V       -1 .Not in universe                      V          .increased income
V        1 .Circumstance for applying            V        2 .Because of family changes
V        2 .Not a circumstance for applying      V        3 .Still eligible but could
                                                 V          .not/chose not to collect
D EWBG2207   2    311                            V        4 .Other, specify
T RC1: Rsn applied for WIC (7=Just learned
  about the prog)                               D AWSTP23    1    322
      What set of circumstances led to .... to  T RC1: Rsn stopped receiving WIC in month 2
      apply for WIC in month 3? (7=Just learned    allocation flag
      about the program)                               Imputation flag for EWSTP23
U All adults receiving WIC in month 3 and not    V        0 .Not imputed
  in month 2                                     V        1 .Imputed
V       -1 .Not in universe                      V        2 .Cold Deck Imputation
V        1 .Circumstance for applying            V        3 .Logical Imputation (Derivation)
V        2 .Not a circumstance for applying
                                                D EWBG2301   2    323
D EWBG2208   2    313                            T RC1: Rsn applied for WIC (1=Needed the
T RC1: Rsn applied for WIC (8=Just got around      money)
  to applying)                                         What set of circumstances led to .... to
      What set of circumstances led to .... to         apply for WIC in month 2? (1=Needed the
      apply for WIC in month 3? (8=Just got            money)
      around to applying)                        U All adults receiving WIC in month 2 and not
U All adults receiving WIC in month 3 and not      in month 1
  in month 2                                     V       -1 .Not in universe
V       -1 .Not in universe                      V        1 .Circumstance for applying
V        1 .Circumstance for applying            V        2 .Not a circumstance for applying
V        2 .Not a circumstance for applying
                                                D EWBG2302   2    325
D EWBG2209   2    315                            T RC1: Rsn applied for WIC (2=Pregnancy/birth)
T RC1: Rsn applied for WIC (9=Became disabled)         What set of circumstances led to .... to
      What set of circumstances led to .... to         apply for WIC in month 2?
      apply for WIC in month 3? (9=Became               (2=Pregnancy/birth of child)
      disabled)                                  U All adults receiving WIC in month 2 and not
U All adults receiving WIC in month 3 and not      in month 1
  in month 2                                     V       -1 .Not in universe
V       -1 .Not in universe                      V        1 .Circumstance for applying
V        1 .Circumstance for applying            V        2 .Not a circumstance for applying
V        2 .Not a circumstance for applying
                                                D EWBG2303   2    327
D EWBG2210   2    317                            T RC1: Rsn applied for WIC (3=Received for
T RC1: Rsn applied for WIC (10=Other)              another)
      What set of circumstances led to .... to         What set of circumstances led to .... to
      apply for WIC in month 3? (10=Other,             apply for WIC in month 2? (3=Began
      specify)                                         receiving for another dependent)
U All adults receiving WIC                       U All adults receiving WIC in month 2 and not
V       -1 .Not in universe                        in month 1
V        1 .Circumstance for applying            V       -1 .Not in universe
V        2 .Not a circumstance for applying      V        1 .Circumstance for applying
                                                 V        2 .Not a circumstance for applying
D AWBG22     1    319
T RC1: Rsn applied for WIC allocation flag
      Imputation flag for EWBG2201 thru
      EWBG2210
V        0 .Not imputed
V        1 .Imputed
V        2 .Cold Deck Imputation
V        3 .Logical Imputation (Derivation)
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DATA       SIZE  BEGIN                      DATA       SIZE  BEGIN


D EWBG2304   2    329                       D EWBG2309   2    339
T RC1: Rsn applied for WIC                  T RC1: Rsn applied for WIC (9=Became disabled)
  (4=Separated/divorced)                          What set of circumstances led to .... to
      What set of circumstances led to .... to    apply for WIC in month 2? (9=Became
      apply for WIC in month 2? (4=Separated of    disabled)
      divorced from spouse/partner)         U All adults receiving WIC in month 2 and not
U All adults receiving WIC in month 2 and not   in month 1
  in month 1                                V      -1 .Not in universe
V       -1 .Not in universe                 V        1 .Circumstance for applying
V        1 .Circumstance for applying       V        2 .Not a circumstance for applying
V        2 .Not a circumstance for applying
                                            D EWBG2310   2    341
D EWBG2305   2    331                        T RC1: Rsn applied for WIC (10=Other)
T RC1: Rsn applied for WIC (5=Loss of             What set of circumstances led to .... to
  job/income)                                     apply for WIC in month 2? (10=Other,
      What set of circumstances led to .... to    specify)
      apply for WIC in month 2? (5=Loss of   U All adults receiving WIC in month 2 and not
      job/wages/other income)                   in month 1
U All adults receiving WIC in month 2 and not   V      -1 .Not in universe
  in month 1                                V        1 .Circumstance for applying
V       -1 .Not in universe                 V        2 .Not a circumstance for applying
V        1 .Circumstance for applying
V        2 .Not a circumstance for applying  D AWBG23     1    343
                                            T RC1: Rsn applied for WIC allocation flag
D EWBG2306   2    333                              Imputation flag for EWBG2301 thru
T RC1: Rsn applied for WIC (6=Loss of other        EWBG2310
  support income)                            V        0 .Not imputed
      What set of circumstances led to .... to   V        1 .Imputed
      apply for WIC in month 2? (6=Loss of   V        2 .Cold Deck Imputation
      other support income)                  V        3 .Logical Imputation (Derivation)
U All adults receiving WIC in month 2 and not
  in month 1                                D EWBG120M   2    344
V       -1 .Not in universe                 T RC1: Month applied for WIC that time
V        1 .Circumstance for applying             When did ... apply for WIC that time?
V        2 .Not a circumstance for applying  U All adults receiving WIC in month 2 and not
                                               in month 1
D EWBG2307   2    335                        V      -1 .Not in universe
T RC1: Rsn applied for WIC (7=Just learned   V     1:12 .Month applied for WIC
  about program)
      What set of circumstances led to .... to   D TWBG120Y   4    346
      apply for WIC in month 2? (7=Just learned  T RC1: Year applied for WIC that time
      about the program)                           When did ... apply for WIC that time?
U All adults receiving WIC in month 2 and not   U All adults receiving WIC in month 2 and not
  in month 1                                   in month 1
V       -1 .Not in universe                 V      -1 .Not in universe
V        1 .Circumstance for applying       V  1926:1996 .Year applied for WIC
V        2 .Not a circumstance for applying
                                            D AWBG120M   1    350
D EWBG2308   2    337                        T RC1: Month applied for WIC that time
T RC1: Rsn applied for WIC (8=Just got around   allocation flag
  to applying)                                     Imputation flag for EWBG120M
      What set of circumstances led to .... to   V        0 .Not imputed
      apply for WIC in month 2? (8=Just got   V        1 .Imputed
      around to applying)                    V        2 .Cold Deck Imputation
U All adults receiving WIC in month 2 and not   V        3 .Logical Imputation (Derivation)
  in month 1
V       -1 .Not in universe                 D AWBG120Y   1    351
V        1 .Circumstance for applying       T RC1: Year applied for WIC that time
V        2 .Not a circumstance for applying     allocation flag
                                                   Imputation flag for EWBG120Y
                                            V        0 .Not imputed
                                            V        1 .Imputed
                                            V        2 .Cold Deck Imputation
                                            V        3 .Logical Imputation (Derivation)
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DATA        SIZE  BEGIN

D EWB22001    2    352
T RC1: Rsn applied for WIC (1=Needed the
  money)
      What set of circumstances led to .... to
      apply for WIC in month 1? (1=Needed the
      money)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22002    2    354
T RC1: Rsn applied for WIC (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for WIC in month 1?
      (2=Pregnancy/birth of child )
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22003    2    356
T RC1: Rsn applied for WIC (3=Received for
  another)
      What set of circumstances led to .... to
      apply for WIC in month 1? (3=Began
      receiving for another dependent)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22004    2    358
T RC1: Rsn applied for WIC
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for WIC in month 1? (4=Separated of
      divorced from spouse/partner)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22005    2    360
T RC1: Rsn applied for WIC (5=Loss job/income)
      What set of circumstances led to .... to
      apply for WIC in month 1? (5=Loss of
      job/wages/other income)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22006    2    362
T RC1: Rsn applied for WIC (6=Loss of other
  income)
      What set of circumstances led to .... to
      apply for WIC in month 1? (6=Loss of
      other support income)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22007    2    364
T RC1: Rsn applied for WIC (7=Just learned
  about program)
      What set of circumstances led to .... to
      apply for WIC in month 1? (7=Just learned
      about the program)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22008    2    366
T RC1: Rsn applied for WIC (8=Just got around
  to applying)
      What set of circumstances led to .... to
      apply for WIC in month 1? (8=Just got
      around to applying)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22009    2    368
T RC1: Rsn applied for WIC (9=Became disabled)
      What set of circumstances led to .... to
      apply for WIC in month 1? (9=Became
      disabled)
U All adults receiving WIC in month
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D EWB22010    2    370
T RC1: Rsn applied for WIC (10=Other)
      What set of circumstances led .... to
      apply for WIC in month 1? (10=Other,
      specify)
U All adults receiving WIC in month 1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying

D AWBG220    1    372
T RC1: Rsn applied for WIC allocation flag
      Imputation flag for EWB22001 thru
      EWB22010
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)

D EFSTP21    2    373
T RC1: Rsn stopped receiving Food Stamps in
  month 4
      What set of circumstances caused ... to
      stop receiving FOOD STAMP in month 4?
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V        -1 .Not in Universe
V         1 .Became ineligible because of
V           .increased income
V         2 .Because of family changes
V         3 .Still eligible but could
V           .not/chose not to collect
V         4 .Other, specify
```

DATA   SIZE BEGIN

D AFSTP21   1   375
T RC1: Rsn stopped receiving FStamps-mth 4
  allocation flg
    Imputation flag for EFSTP21
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFBG2101   2   376
T RC1: Rsn applied for Food Stamps (1=Needed
  the money)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4?
    (1=Needed the money)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2102   2   378
T RC1: Rsn applied for Food Stamps
  (2=Pregnancy/birth)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4?
    (2=Pregnancy/birth of child)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2103   2   380
T RC1: Rsn applied for FStamps (3=Received for
  another)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4? (3=Began
    receiving for another dependent)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2104   2   382
T RC1: Rsn applied for Food Stamps
  (4=Separated/divorced)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4?
    (4=Separated of divorced from
    spouse/partner)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2105   2   384
T RC1: Rsn applied for Food Stamps (5=Loss of
  job/income)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4? (5=Loss
    of job/wages/other income)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2106   2   386
T RC1: Rsn applied for Food Stamps (6=Loss
  other income)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4? (6=Loss
    of other support income)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2107   2   388
T RC1: Rsn applied for FStamps (7=Just learned
  of prog)
    What set of circumstances led to .... to
    apply for FOOD in month 4? (7=Just
    learned about the program)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2108   2   390
T RC1: Rsn applied for FStamps (8=Just
  applied)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4? (8=Just
    got around to applying)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2109   2   392
T RC1: Rsn applied for Food Stamps (9=Became
  disabled)
    What set of circumstances led to .... to
    apply for FOOD STAMP in month 4?
    (9=Became disabled)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2110   2   394
T RC1: Rsn applied for Food Stamps (10=Other)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 4?
      (10=Other, specify)
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AFBG21   1   396
T RC1: Rsn applied for Food Stamps allocation
  flag
      Imputation flag for EFBG2101 thru
      EFBG2110
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFSTP22   2   397
T RC1: Rsn stopped receiving Food Stamps in
  month 3
      What set of circumstances caused ... to
      stop receiving FOOD STAMP in month 3?
U All adults receiving FOOD STAMPS in month 3
  and not in month 4
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AFSTP22   1   399
T RC1: Rsn stopped receiving FS - month 3
  allocation flg
      Imputation flag for EFSTP22
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFBG2201   2   400
T RC1: Rsn applied for Food Stamps (1=Needed
  the money)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3?
      (1=Needed the money)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2202   2   402
T RC1: Rsn applied for Food Stamps
  (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3?
      (2=Pregnancy/birth of child)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2203   2   404
T RC1: Rsn applied for FStamps(3=Received for
  another)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3? (3=Began
      receiving for another dependent)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2204   2   406
T RC1: Rsn applied for Food Stamps
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3?
      (4=Separated of divorced from
      spouse/partner)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2205   2   408
T RC1: Rsn applied for Food Stamps (5=Loss
  Job/income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3? (5=Loss
      of job/wages/other income)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2206   2   410
T RC1: Rsn applied for Food Stamps (6=Loss
  other income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3? (6=Loss
      of other support income)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2207   2   412
T RC1: Rsn applied for Food Stamps (8=Just
  learned prog)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3? (7=Just
      learned about the program)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2208   2   414
T RC1: Rsn applied for Food Stamps (8=Just
  applied)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3? (8=Just
      got around to applying)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2209   2   416
T RC1: Rsn applied for Food Stamps (9=Became
  disabled)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3?
      (9=Became disabled)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2210   2   418
T RC1: Rsn applied for Food Stamps (10=Other)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 3?
      (10=Other, specify)
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AFBG22   1   420
T RC1: Rsn applied for Food Stamps allocation
  flag
      Imputation flag for EFBG2201 thru
      EFBG2210
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFSTP23   2   421
T RC1: Rsn stopped receiving Food Stamps in
  month 2
      What set of circumstances caused ... to
      stop receiving FOOD STAMP in month 2?
U All adults receiving FOOD STAMPS in month 3
  and not in month 2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D AFSTP23   1   423
T RC1: Rsn stopped receiving FStamps-mth 2
  allocation flg)
      Imputation flag for EFSTP23
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFBG2301   2   424
T RC1: Rsn applied for Food Stamps (1=Needed
  the money)
      What set of circumstances led to .... to
      apply for FOOD in month 2? (1=Needed the
      money)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2302   2   426
T RC1: Rsn applied for Food Stamps
  (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for FOOD in month 2?
      (2=Pregnancy/birth of child)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2303   2   428
T RC1: Rsn applied for FStamps (3=Received for
  another)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2? (3=Began
      receiving for another dependent)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2304   2   430
T RC1: Rsn applied for Food Stamps
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2?
      (4=Separated of divorced from
      spouse/partner)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2305   2   432
T RC1: Rsn applied for Food Stamps (5=Loss of
  job/income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2? (5=Loss
      of job/wages/other income)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2306   2   434
T RC1: Rsn applied for Food Stamps (6=Loss
  other income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2? (6=Loss
      of other support income)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2307   2   436
T RC1: Rsn applied for Food Stamps (7=Just
  learned prog)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2? (7=Just
      learned about the program)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2308   2   438
T RC1: Rsn applied for Food Stamps (8=Just
  applied)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2? (8=Just
      got around to applying)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFBG2309   2   440
T RC1: Rsn applied for Food Stamps (9=Became
  disabled)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2?
      (9=Became disabled)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFBG2310   2   442
T RC1: Rsn applied for Food Stamps (10=Other)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 2?
      (10=Other, specify)
U All adults receiving FOOD STAMPS in month 1
  and not in month 2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AFBG23   1   444
T RC1: Rsn applied for Food Stamps allocation
  flag
      Imputation flag for EFBG2301 thru
      EFBG2310
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFBG120M   2   445
T RC1: Month applied for Food Stamps that time
      When did ... apply for FOOD STAMPS that
      time?
U All adults who received Food Stamp in month
  1
V   -1 .Not in universe
V   1:12 .Month applied for Food Stamp

D TFBG120Y   4   447
T RC1: Year applied for Food Stamps that time
      When did ... apply for FOOD STAMPS that
      time?
U All adults who received Food Stamp in month
  1
V   -1 .Not in universe
V 1926:1996 .Year applied for Food Stamp

D AFBG120M   1   451
T RC1: Month applied for Food Stamps
  allocation flag
      Imputation flag for EFBG120M
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D AFBG120Y   1   452
T RC1: Year applied for Food Stamps allocation
  flag
      Imputation flag for EFBG120Y
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

DATA   SIZE BEGIN

D EFB22001   2   453
T RC1: Rsn applied for Food Stamps (1=Needed
  the money)
      What set of circumstances led .... to
      apply for FOOD STAMP in month 1?
      (1=Needed the money)
U All adults receiving FOOD STAMP in month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22002   2   455
T RC1: Rsn applied for Food Stamps
  (2=Pregnancy/birth)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1?
      (2=Pregnancy/birth of child
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22003   2   457
T RC1: Rsn applied for Food Stamps(3=Received
  for another)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1? (3=Began
      receiving for another dependent)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22004   2   459
T RC1: Rsn applied for Food Stamps
  (4=Separated/divorced)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 4?
      (4=Separated of divorced from
      spouse/partner)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22005   2   461
T RC1: Rsn applied for Food Stamps (5=Loss of
  job/income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1? (5=Loss
      of job/wages/other income)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EFB22006   2   463
T RC1: Rsn applied for Food Stamps (6=Loss
  other income)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1? (6=Loss
      of other support income)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22007   2   465
T RC1: Rsn applied for Food Stamps (7=Just
  learned prog)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1? (7=Just
      learned about the program)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22008   2   467
T RC1: Rsn applied for Food Stamps (8=Just
  applied)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1? (8=Just
      got around to applying)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22009   2   469
T RC1: Rsn applied for Food Stamps (9=Became
  disabled)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 1?
      (9=Became disabled)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EFB22010   2   471
T RC1: Rsn applied for Food Stamps (10=Other)
      What set of circumstances led to .... to
      apply for FOOD STAMP in month 4?
      (10=Other, specify)
U All adults receiving FOOD STAMPS received in
  month 1
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AFB220   1   473
T RC1: Rsn applied for Food Stamps allocation
  flag
      Imputation flag for EFB22001 thru
      EFB22010
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

```
DATA       SIZE  BEGIN                         DATA       SIZE  BEGIN


D ESTP03M4    2    474                         D ESTP24M4    2    483
T RC2: Rsn stopped receiving in month 4        T RC2: Rsn stopped receiving in month 4
    What set of circumstances caused ... to        What set of circumstances caused ... to
    stop receiving [...inctype] in month 4?        stop receiving [...inctype] in month 4?
U All adults with SSI and emthyn3 = 1 and      U All adults with other Welfare and emthyn3 =
  emthyn4 = 2                                    1 and emthyn4 = 2
V        -1 .Not in Universe                    V        -1 .Not in Universe
V         1 .Became ineligible because of       V         1 .Became ineligible because of
V           .increased income                   V           .increased income
V         2 .Because of family changes          V         2 .Because of family changes
V         3 .Still eligible but could           V         3 .Still eligible but could
V           .not/chose not to collect           V           .not/chose not to collect
V         4 .Other, specify                     V         4 .Other, specify


D ASTP03M4    1    476                         D ASTP24M4    1    485
T RC2: Rsn stopped receiving in month 4        T RC2: Rsn stopped receiving in month 4
  allocation flag                                allocation flag
    Imputation flag for ESTP03M4                    Imputation flag for ESTP24M4
V         0 .Not imputed                        V         0 .Not imputed
V         1 .Imputed                            V         1 .Imputed
V         2 .Cold Deck Imputation               V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)    V         3 .Logical Imputation (Derivation)


D ESTP04M4    2    477                         D EB2101M4    2    486
T RC2: Rsn stopped receiving in month 4        T RC2: Rsn applied for other Welfare(1=Needed
    What set of circumstances caused ... to      the money)
    stop receiving [...inctype] in month 4?        What set of circumstances led to .... to
U All adults with State SSI and emthyn3 = 1        apply for [...inctype] in month 4?
  and emthyn4 = 2                                  (1=Needed the money)
V        -1 .Not in Universe                    U All adults with General Assistance/relief
V         1 .Became ineligible because of        and emthyn4=1 and emthyn3=2
V           .increased income                   V        -1 .Not in universe
V         2 .Because of family changes          V         1 .Circumstance for applying
V         3 .Still eligible but could           V         2 .Not a circumstance for applying
V           .not/chose not to collect
V         4 .Other, specify                     D EB2102M4    2    488
                                               T RC2: Rsn applied for Gen Ast/Gen
D ASTP04M4    1    479                            relf(2=Pregnancy/birth)
T RC2: Rsn stopped receiving in month 4            What set of circumstances led to .... to
  allocation flag                                  apply for [...inctype] in month 4? (2 =
    Imputation flag for EMSTP21                     Pregnancy/birth of child )
V         0 .Not imputed                        U All adults with General Assistance/relief
V         1 .Imputed                             and emthyn4 = 1 and emthyn3 = 2
V         2 .Cold Deck Imputation               V        -1 .Not in universe
V         3 .Logical Imputation (Derivation)    V         1 .Circumstance for applying
                                               V         2 .Not a circumstance for applying

D ESTP21M4    2    480
T RC2: Rsn stopped receiving in month 4        D EB2103M4    2    490
    What set of circumstances caused ... to    T RC2: Rsn applied for Gen Ast/GRelf(3=Another
    stop receiving [...inctype] in month 4?      dependent)
U All adults with General Assistance/General       What set of circumstances led to .... to
  Relief and emthyn3 = 1 and emthyn4 = 2          apply for [...inctype] in month
V        -1 .Not in Universe                        4?(3=Began receiving for another
V         1 .Became ineligible because of           dependent)
V           .increased income                   U All adults with General Assistance/relief
V         2 .Because of family changes           and emthyn4=1 and emthyn3=2
V         3 .Still eligible but could           V        -1 .Not in universe
V           .not/chose not to collect           V         1 .Circumstance for applying
V         4 .Other, specify                     V         2 .Not a circumstance for applying


D ASTP21M4    1    482
T RC2: Rsn stopped receiving in month 4
  allocation flag
    Imputation flag for ESTP21M4
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)
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SIPP 1996 WAVE 1 TOPICAL MODULE

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DATA        SIZE  BEGIN              DATA        SIZE  BEGIN


D EB2104M4   2    492               D EB2109M4   2    502
T RC2: Rsn applied for              T RC2: Rsn applied for Gen Ast/Gen
  GA/GR(4=Separate/divorced)          Relf(9=disabled)
     What set of circumstances led       What set of circumstances led .... to
     to apply for [...inctype] in         apply for [...inctype] in month 4?
     month 4?(4=Separated of              (9=Became disabled)
     divorced from spouse/partner)   U All adults with General Assistance/relief
U All adults with General Assistance/relief   and emthyn4=1 and emthyn3=2
                                    V        -1 .Not in universe
  and emthyn4=1 and emthyn3=2       V         1 .Circumstance for applying
V        -1 .Not in universe        V         2 .Not a circumstance for applying
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying  D EB2110M4   2    504
                                    T RC2: Rsn applied for Gen Ast/Gen
D EB2105M4   2    494                 Relf(10=Other)
T RC2: Rsn applied for GA/GR(5=Loss      What set of circumstances led .... to
  job/income)                            apply for [...inctype] in month 4?
     What set of circumstances led .... to   (10=Other, specify)
     apply for [...inctype] in month 4?  U All adults with General Assistance/relief
     (5=Loss of job/wages/other income)   and emthyn4=1 and emthyn3=2
U All adults with General Assistance/relief   V        -1 .Not in universe
  and emthyn4=1 and emthyn3=2       V         1 .Circumstance for applying
V        -1 .Not in universe        V         2 .Not a circumstance for applying
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying  D AB21M4     1    506
                                    T RC2: Rsn applied for Gen Ast/Gen Relf
D EB2106M4   2    496                 allocation flag
T RC2: Rsn applied for Gen Ast/Gen relf(6=Loss   Imputation flag for EMBG2101 thru
  other inc)                             EMBG2110
     What set of circumstances led .... to  V         0 .Not imputed
     apply for [...inctype] in month 4?  V         1 .Imputed
     (6=Loss of other support income)   V         2 .Cold Deck Imputation
U All adults with General Assistance/relief   V         3 .Logical Imputation (Derivation)
  and emthyn4=1 and emthyn3=2
V        -1 .Not in universe        D EB2401M4   2    507
V         1 .Circumstance for applying  T RC2: Rsn applied for other Welfare(1=Needed
V         2 .Not a circumstance for applying   the money)
                                         What set of circumstances led to .... to
D EB2107M4   2    498                     apply for [...inctype] in month 4?
T RC2: Rsn applied for Gen Ast/Gen relf(7=Just   (1=Needed the money)
  learn prog)                       U All adults with other Welfare and emthyn4 =
     What set of circumstances led .... to   1 and emthyn3 = 2
     apply for [...inctype] in month 4?  V        -1 .Not in universe
     (7=Just learned about the program)  V         1 .Circumstance for applying
U All adults with General Assistance/relief   V         2 .Not a circumstance for applying
  and emthyn4=1 and emthyn3=2
V        -1 .Not in universe        D EB2402M4   2    509
V         1 .Circumstance for applying  T RC2: Rsn applied for other
V         2 .Not a circumstance for applying   Welfare(2=Pregnancy/birth)
                                         What set of circumstances led .... to
D EB2108M4   2    500                     apply for [...inctype] in month 4? (2 =
T RC2: Rsn applied for Gen Ast/Gen relf(8=Just   Pregnancy/birth of child )
  applied)                          U All adults with other Welfare and emthyn4 =
     What set of circumstances led .... to   1 and emthyn3 = 2
     apply for [...inctype] in month 4?  V        -1 .Not in universe
     (8=Just got around to applying)   V         1 .Circumstance for applying
U All adults General Assistance/relief and   V         2 .Not a circumstance for applying
  emthyn4=1 and emthyn3=2
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

DATA   SIZE BEGIN

D EB2403M4   2   511
T RC2: Rsn applied for other Welfare(3=Another
  dependent)
      What set of circumstances led to .... to
      apply for [...inctype] in month
      4?(3=Began receiving for another
      dependent)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2404M4   2   513
T RC2: Rsn applied for other
  Welfare(4=Separate/divorced)
      What set of circumstances led to .... to
      apply for [...inctype] in month
      4?(4=Separated of divorced from
      spouse/partner)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2405M4   2   515
T RC2: Rsn applied for other Welfare (5=Loss
  of job/income)
      What set of circumstances led to .... to
      apply for [...inctype] in month 4?
      (5=Loss of job/wages/other income)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2406M4   2   517
T RC2: Rsn applied for other Welfare(6=Loss
  other income)
      What set of circumstances led to .... to
      apply for [...inctype] in month 4?
      (6=Loss of other support income)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2407M4   2   519
T RC2: Rsn applied for other Welfare(7=Just
  learned prog)
      What set of circumstances led to .... to
      apply for [...inctype] in month 4?
      (7=Just learned about the program)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB2408M4   2   521
T RC2: Rsn applied for other Welfare(8=Just
  applied)
      What set of circumstances led to .... to
      apply for [...inctype] in month 4?
      (8=Just got around to applying)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2409M4   2   523
T RC2: Rsn applied for other
  Welfare(9=disabled)
      What set of circumstances led to .... to
      apply for [...inctype] in month 4?
      (9=Became disabled)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2410M4   2   525
T RC2: Rsn applied for other Welfare(10=Other)
      What set of circumstances led .... to
      apply for [...inctype] in month 4?
      (10=Other, specify)
U All adults with other Welfare and emthyn4=1
  and emthyn3=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB24M4   1   527
T RC2: Rsn applied for other Welfare
  allocation flag
      Imputation flag for EB2101M4 thru
      EB2110M4
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB03S1M4   2   528
T RC2: Rsn applied for Fed SSI in mth 4(1=Need
  the money)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 4?
      (1=Needed the money)
U All adults with Fed SSI and emthyn4=1 and
  emthyn3=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB03S2M4   2   530
T RC2: Rsn applied for Fed SSI in mth
  4(2=disabled/blind)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 4?
      (2=Became disabled/blind)
U All adults with Fed SSI and emthyn4=1 and
  emthyn3=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

```
DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN


D EB03S3M4   2    532                      D EB04S3M4   2    541
T RC2: Rsn applied for Fed SSI in month    T RC2: Rsn applied for State SSI in month
  4(3=Over 65)                               4(3=Over 65)
      What set of circumstances led ... to     What set of circumstances led ... to
      apply for SSI (federal/state) in month 4?  apply for SSI (federal/state) in month 4?
      (3=Over 65)                             (3=Over 65)
U All adults with Fed SSI and emthyn4=1 and  U All adults with State SSI and emthyn4=1 and
  emthyn3=2                                   emthyn3=2
V       -1 .Not in Universe                 V       -1 .Not in Universe
V        1 .Circumstance for applying        V        1 .Circumstance for applying
V        2 .Not a circumstance for applying  V        2 .Not a circumstance for applying

D EB03S4M4   2    534                      D EB04S4M4   2    543
T RC2: Rsn applied for Fed SSI in month    T RC2: Rsn applied for State SSI in month
  4(4=Other)                                 4(4=Other)
      What set of circumstances led ... to     What set of circumstances led ... to
      apply for SSI (federal/state) in month 4?  apply for SSI (federal/state) in month 4?
      (4=Other, specify)                      (4=Other, specify)
U All adults with Fed SSI and emthyn4=1 and  U All adults with State SSI and emthyn4=1 and
  emthyn3=2                                   emthyn3=2
V       -1 .Not in Universe                 V       -1 .Not in Universe
V        1 .Circumstance for applying        V        1 .Circumstance for applying
V        2 .Not a circumstance for applying  V        2 .Not a circumstance for applying

D AB03SM4    1    536                      D AB04SM4    1    545
T RC2: Rsn applied for Fed SSI in mth 4    T RC2: Rsn applied for State SSI in month 4
  allocation flg                             allocation flg
      Imputation flag for EB03S1M4 thru        Imputation flag for EB04S1M4 thru
      EB03S4M4                                EB04S1M4
V        0 .Not imputed                     V        0 .Not imputed
V        1 .Imputed                         V        1 .Imputed
V        2 .Cold Deck Imputation            V        2 .Cold Deck Imputation
V        3 .Logical Imputation (Derivation) V        3 .Logical Imputation (Derivation)

D EB04S1M4   2    537                      D ESTP03M3   2    546
T RC2: Rsn applied for State SSI-mth       T RC2: Stopped receiving Fed SSI in month 3
  4(1=Needed the money)                         What set of circumstances caused ... to
      What set of circumstances led ... to      stop receiving [fill inctyp] in month 3?
      apply for SSI (federal/state) in month 4?  U All adults with Fed SSI and emthyn2=1 and
      (1=Needed the money)                    emthyn3=2
U All adults with State SSI and emthyn4=1 and  V       -1 .Not in Universe
  emthyn3=2                                   V        1 .Became ineligible because of
V       -1 .Not in Universe                 V          .increased income
V        1 .Circumstance for applying        V        2 .Because of family chges(family
V        2 .Not a circumstance for applying  V          .members left,over age limit,etc)
                                           V        3 .Still eligible but could
D EB04S2M4   2    539                      V          .not/chose not to collect
T RC2: Rsn applied for State SSI-mth       V        4 .Other, specify
  4(2=disabled/blind)
      What set of circumstances led ... to  D ASTP03M3   1    548
      apply for SSI (federal/state) in month 4?  T RC2: Stopped receiving Fed SSI in month 3
      (2=Became disabled/blind)                 Imputation flag for ESTP03M3
U All adults with State SSI and emthyn4=1 and  V        0 .Not imputed
  emthyn3=2                                   V        1 .Imputed
V       -1 .Not in Universe                 V        2 .Cold Deck Imputation
V        1 .Circumstance for applying        V        3 .Logical Imputation (Derivation)
V        2 .Not a circumstance for applying
```

DATA   SIZE BEGIN

D ESTP04M3   2   549
T RC2: Stopped receiving State SSI in month 3
    What set of circumstances caused ... to
    stop receiving [fill inctyp] in month 3?
U All adults with State SSI and emthyn2=1 and
  emthyn3=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family chges(family
V   .members left,over age limit,etc)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D ASTP04M3   1   551
T RC2: Stopped receiving State SSI in mth 3
    Imputation flag for ESTP04M3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESTP21M3   2   552
T RC2: Stopped receiving Gen Ast/Gen relf in
  month 3
    What set of circumstances caused ... to
    stop receiving [fill inctyp] in month 3?
U All adults with General Assistance/General
  Relief and emthyn2=1 and emthyn3=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family chges(family
V   .members left,over age limit,etc)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D ASTP21M3   1   554
T RC2: Stopped receiving Gen Ast/Gen relf in
  mth 3
    Imputation flag for ESTP21M3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESTP24M3   2   555
T RC2: Stopped receiving other Welfare in
  month 3
    What set of circumstances caused ... to
    stop receiving [fill inctyp] in month 3?
U All adults with other Welfare and emthyn2=1
  and emthyn3=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family chges(family
V   .members left,over age limit,etc)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

DATA   SIZE BEGIN

D ASTP24M3   1   557
T RC2: Stopped receiving other Welfare in
  month 3
    Imputation flag for ESTP24M3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB2101M3   2   558
T RC2: Rsn applied for GA/GR in mth 3(1=Needed
  money)
    What set of circumstances led to .... to
    apply for [fill inctyp] in month 3?
    (1=Needed the money)
U All adults with General Assistance/General
  Relief and emthyn3=1 and emthyn2=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2102M3   2   560
T RC2: Rsn applied for GA/GR - mth
  3(2=Pregnancy/birth)
    What set of circumstances led to .... to
    apply for [fill inctyp] in month 3?
    (2=Pregnancy/birth of child)
U All adults with General Assistance/General
  Relief and emthyn3=1 and emthyn2=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2103M3   2   562
T RC2: Rsn applied for GA/GR-mth 3(3=Receive
  for another)
    What set of circumstances led to .... to
    apply for [fill inctyp] in month 3?
    (3=Began receiving for another dependent)
U All adults with General Assistance/General
  Relief and emthyn3=1 and emthyn2=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2104M3   2   564
T RC2: Rsn applied for GA/GR-mth
  3(4=Separated/divorced)
    What set of circumstances led to .... to
    apply for [fill inctyp] in month 3?
    (4=Separated of divorced from
    spouse/partner)
U All adults with General Assistance/General
  Relief and emthyn3=1 and emthyn2=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

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DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN


D EB2105M3   2    566                      D EB2110M3   2    576
T RC2: Rsn applied GA/GR - mth 3(5=Loss    T RC2: Rsn applied for GA/GR in month
  job/income)                                3(10=Other)
      What set of circumstances led to ....       What set of circumstances led .... to
      apply for [fill inctyp] in month 3?         apply for [fill inctyp] in month 3?
      (5=Loss of job/wages/other income)          (10=Other, specify)
U All adults with General Assistance/General   U All adults with General Assistance/General
  Relief and emthyn3=1 and emthyn2=2           Relief and emthyn3=1 and emthyn2=2
V        -1 .Not in universe               V        -1 .Not in universe
V         1 .Circumstance for applying     V         1 .Circumstance for applying
V         2 .Not a circumstance for applying   V         2 .Not a circumstance for applying

D EB2106M3   2    568                      D AB21M3     1    578
T RC2: Rsn applied GA/GR - month 3(6=Loss   T RC2: Rsn applied for GA/GR in month 3
  other income)                               allocation flag
      What set of circumstances led to ....       Imputation flag for EMBG2201 thru
      apply for [fill inctyp] in month 3?         EMBG2210
      (6=Loss of other support income)       V         0 .Not imputed
U All adults with General Assistance/General   V         1 .Imputed
  Relief and emthyn3=1 and emthyn2=2       V         2 .Cold Deck Imputation
V        -1 .Not in universe               V         3 .Logical Imputation (Derivation)
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying   D EB2401M3   2    579
                                           T RC2: Rsn applied for othr Welfare-mth
D EB2107M3   2    570                         3(1=Needed money)
T RC2: Rsn for GA/GR - month 3(7=Just learned       What set of circumstances led .... to
  of prog)                                        apply for [fill inctyp] in month 3?
      What set of circumstances led to ....       (1=Needed the money)
      apply for [fill inctyp] in month 3?     U All adults with other Welfare and emthyn3=1
      (7=Just learned about the program)       and emthyn2=2
U All adults with General Assistance/General   V        -1 .Not in universe
  Relief and emthyn3=1 and emthyn2=2       V         1 .Circumstance for applying
V        -1 .Not in universe               V         2 .Not a circumstance for applying
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying   D EB2402M3   2    581
                                           T RC2: Rsn applied for other Welfare-mth
D EB2108M3   2    572                         3(2=Preg/birth)
T RC2: Rsn applied GA/GR in month 3(8=Just       What set of circumstances led .... to
  applied)                                        apply for [fill inctyp] in month 3?
      What set of circumstances led to ....       (2=Pregnancy/birth of child )
      apply for [fill inctyp] in month 3?     U All adults with other Welfare and emthyn3=1
      (8=Just got around to applying)         and emthyn2=2
U All adults with General Assistance/General   V        -1 .Not in universe
  Relief and emthyn3=1 and emthyn2=2       V         1 .Circumstance for applying
V        -1 .Not in universe               V         2 .Not a circumstance for applying
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying   D EB2403M3   2    583
                                           T RC2: Rsn applied for oth Welfare-mth
D EB2109M3   2    574                         3(3=Recd for anthr)
T RC2: Rsn applied GA/GR in month 3(9=Became       What set of circumstances led .... to
  disabled)                                       apply for [fill inctyp] in month 3?
      What set of circumstances led to ....       (3=Began receiving for another dependent)
      apply for [fill inctyp] in month 3?     U All adults with other Welfare and emthyn3=1
      (9=Became disabled)                     and emthyn2=2
U All adults with General Assistance/General   V        -1 .Not in universe
  Relief and emthyn3=1 and emthyn2=2       V         1 .Circumstance for applying
V        -1 .Not in universe               V         2 .Not a circumstance for applying
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
DATA        SIZE  BEGIN                        DATA        SIZE  BEGIN


D EB2404M3   2    585                          D EB2409M3   2    595
T RC2: Rsn applied for oth Welfare-mth         T RC2: Rsn applied othr Welfare - mth
  3(4=Separate/div)                              3(9=Became Disabled)
     What set of circumstances led to .... to       What set of circumstances led to .... to
     apply for [fill inctyp] in month 3?            apply for [fill inctyp] in month 3?
     (4=Separated of divorced from                  (9=Became disabled)
     spouse/partner)                           U All adults with other Welfare and emthyn3=1
U All adults with other Welfare and emthyn3=1    and emthyn2=2
  and emthyn2=2                                 V        -1 .Not in universe
V        -1 .Not in universe                   V         1 .Circumstance for applying
V         1 .Circumstance for applying         V         2 .Not a circumstance for applying
V         2 .Not a circumstance for applying
                                               D EB2410M3   2    597
D EB2405M3   2    587                          T RC2: Rsn applied for other Welfare in month
T RC2: Rsn applied other Welfare-mth 3(5=Loss    3(10=Other)
  job/income)                                        What set of circumstances led .... to
     What set of circumstances led to .... to       apply for [fill inctyp] in month 3?
     apply for [fill inctyp] in month 3?            (10=Other, specify)
     (5=Loss of job/wages/other income)        U All adults with other Welfare and emthyn3=1
U All adults with other Welfare and emthyn3=1    and emthyn2=2
  and emthyn2=2                                 V        -1 .Not in universe
V        -1 .Not in universe                   V         1 .Circumstance for applying
V         1 .Circumstance for applying         V         2 .Not a circumstance for applying
V         2 .Not a circumstance for applying
                                               D AB24M3     1    599
D EB2406M3   2    589                          T RC2: Rsn applied for other Welfare-mth 3
T RC2: Rsn applied other Welfare-mth 3(6=Loss    allocation flg
  othr income)                                       Imputation flag for EB2101M3 thru
     What set of circumstances led to .... to       EB2110M3
     apply for [fill inctyp] in month 3?       V         0 .Not imputed
     (6=Loss of other support income)          V         1 .Imputed
U All adults with other Welfare and emthyn3=1  V         2 .Cold Deck Imputation
  and emthyn2=2                                 V         3 .Logical Imputation (Derivation)
V        -1 .Not in universe
V         1 .Circumstance for applying         D EB03S1M3   2    600
V         2 .Not a circumstance for applying   T RC2: Rsn applied for Fed SSI-mth 3(1=Needed
                                                 the money)
D EB2407M3   2    591                                What set of circumstances led ... to
T RC2: Rsn for other Welfare-mth 3(7=Just            apply for SSI (federal/state) in month 3?
  learned of prog)                                   (1=Needed the money)
     What set of circumstances led to .... to  U All adults with Fed SSI and emthyn3=1 and
     apply for [fill inctyp] in month 3?         emthyn2=2
     (7=Just learned about the program)        V        -1 .Not in Universe
U All adults with other Welfare and emthyn3=1  V         1 .Circumstance for applying
  and emthyn2=2                                 V         2 .Not a circumstance for applying
V        -1 .Not in universe
V         1 .Circumstance for applying         D EB03S2M3   2    602
V         2 .Not a circumstance for applying   T RC2: Rsn applied for Fed SSI-mth
                                                 3(2=Disabled/blind)
D EB2408M3   2    593                                What set of circumstances led ... to
T RC2: Rsn applied other Welfare - month             apply for SSI (federal/state) in month 3?
  3(8=Just applied)                                  (2=Became disabled/blind)
     What set of circumstances led to .... to  U All adults with Fed SSI and emthyn3=1 and
     apply for [fill inctyp] in month 3?         emthyn2=2
     (8=Just got around to applying)           V        -1 .Not in Universe
U All adults with other Welfare and emthyn3=1  V         1 .Circumstance for applying
  and emthyn2=2                                 V         2 .Not a circumstance for applying
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

DATA   SIZE BEGIN

D EB03S3M3   2   604
T RC2: Rsn applied for Fed SSI in month
  3(3=Over 65)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (3=Over 65)
U All adults with Fed SSI and emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB03S4M3   2   606
T RC2: Rsn applied for Fed SSI in month
  3(4=Other)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (4=Other, specify)
U All adults with Fed SSI and emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB03SM3   1   608
T RC2: Rsn applied for Fed SSI - mth 3
  allocation flg
     Imputation flag for EMBG22S
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB04S1M3   2   609
T RC2: Rsn applied for State SSI-mth
  3(1=Needed the money)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (1=Needed the money)
U All adults with State SSI and emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB04S2M3   2   611
T RC2: Rsn applied for State SSI-mth
  3(2=Disabled/blind)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (2=Became disabled/blind)
U All adults with State SSI and emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB04S3M3   2   613
T RC2: Rsn applied for State SSI in month
  3(3=Over 65)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (3=Over 65)
U All adults with State SSI and emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB04S4M3   2   615
T RC2: Rsn applied for State SSI in month
  3(4=Other)
     What set of circumstances led ... to
     apply for SSI (federal/state) in month 3?
     (4=Other, specify)
U All adults with State SSI emthyn3=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB04SM3   1   617
T RC2: Rsn applied for State SSI in month 3
  allocation flg
     Imputation flag for EB04S1M3 thru
     EB04S4M3
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESTP03M2   2   618
T RC2: Stopped receiving Fed SSI in month 2
     What set of circumstances caused ... to
     stop receiving [fill inctyp] in month 2?
U All adults with Fed SSI and emthyn1=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family chges(family
V   .members left,over age limit,etc)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D ASTP03M2   1   620
T RC2: Stopped receiving Fed SSI - mth 2
  allocation flg
     Imputation flag for ESTP03M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

DATA   SIZE BEGIN

D ESTP04M2   2   621
T RC2: Stopped receiving State SSI in month 2
     What set of circumstances caused ... to
     stop receiving [fill inctyp] in month 2?
U All adults with State SSI and emthyn1=1 and
  emthyn2=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes(family
V   .members left, over age limit,etc.)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D ASTP04M2   1   623
T RC2: Stopped receiving State SSI - mth 2
  allocation flg
     Imputation flag for ESTP04M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESTP21M2   2   624
T RC2: Stopped receiving GA/GR in month 2
     What set of circumstances caused ... to
     stop receiving [fill inctyp] in month 2?
U All adults with General Assistance/General
  Relief and emthyn1=1 and emthyn2=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes(family
V   .members left, over age limit,etc.)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

D ASTP21M2   1   626
T RC2: Stopped receiving GA/GR-mth 2
  allocation flg
     Imputation flag for ESTP21M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESTP24M2   2   627
T RC2:Stopped receiving other Welfare in month
  2
     What set of circumstances caused ... to
     stop receiving [fill inctyp] in month 2?
U All adults with other Welfare and emthyn1=1
  and emthyn2=2
V   -1 .Not in Universe
V   1 .Became ineligible because of
V   .increased income
V   2 .Because of family changes(family
V   .members left, over age limit,
V   .etc.)
V   3 .Still eligible but could
V   .not/chose not to collect
V   4 .Other, specify

DATA   SIZE BEGIN

D ASTP24M2   1   629
T RC2:Stopped receiving other Welfare-mth 2
  allocation flg
     Imputation flag for ESTP24M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB2101M2   2   630
T RC2: Rsn applied GA/GR-mth 2(1=Needed the
  money)
     What set of circumstances led to .... to
     apply for [fill inctyp] in month 2?
     (1=Needed the money)
U All adults with General Assistance/relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2102M2   2   632
T RC2: Rsn applied for GA/GR-mth
  2(2=Pregnancy/birth)
     What set of circumstances led to .... to
     apply for [fill inctyp] in month 2?
     (2=Pregnancy/birth of child)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2103M2   2   634
T RC2: Rsn applied GA/GR-mth 2(3=Receive for
  another)
     What set of circumstances led to .... to
     apply for [fill inctyp] in month 2?
     (3=Began receiving for another dependent)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2104M2   2   636
T RC2: Rsn applied GA/GR in month
  2(4=Sep/divorced)
     What set of circumstances led to .... to
     apply for [fill inctyp] in month 2?
     (4=Separated of divorced from
     spouse/partner)
U All adults with EGICODE=21,24 and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB2105M2   2   638
T RC2: Rsn applied GA/GR in mth 2(5=Loss of
  job/income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (5=Loss of job/wages/other income)
U All adults with EGICODE=21,24 and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2106M2   2   640
T RC2: Rsn applied GA/GR in mth 2(6=Loss of
  other income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (6=Loss of other support income)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2107M2   2   642
T RC2: Rsn applied GA/GR in mth 2(7=Just
  learned of prog)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (7=Just learned about the program)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2108M2   2   644
T RC2: Rsn applied GA/GR in mth 2(8=Just got
  to applying)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (8=Just got around to applying)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2109M2   2   646
T RC2: Rsn applied for GA/GR in mth 2(9=Became
  disabled)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (9=Became disabled)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB2110M2   2   648
T RC2: Rsn applied for GA/GR in mth
  2(10=Other)
      What set of circumstances led .... to
      apply for [fill inctyp] in month 2?
      (10=Other, specify)
U All adults with General Assistance/Relief
  and emthyn2=1 and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB21M2   1   650
T RC2: Rsn applied GA/GR in mth 2 allocation
  flag
      Imputation flag for EB2101M2 thru
      EB2110M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB2401M2   2   651
T RC2: Rsn applied other Welfare-mth
  2(1=Needed the money)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (1=Needed the money)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2402M2   2   653
T RC2: Rsn applied for other Welfare-mth
  2(2=Preg/birth)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (2=Pregnancy/birth of child)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2403M2   2   655
T RC2: Rsn applied other Welfare-mth 2(3=Recd
  for another)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (3=Began receiving for another dependent)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB2404M2   2   657
T RC2: Rsn applied other Welfare-mth
  2(4=Sep/divorced)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (4=Separated of divorced from
      spouse/partner)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2405M2   2   659
T RC2: Rsn applied other Welfare-mth 2(5=Loss
  job/income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (5=Loss of job/wages/other income)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2406M2   2   661
T RC2: Rsn applied othr Welfare-mth 2(6=Loss
  other income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (6=Loss of other support income)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2407M2   2   663
T RC2: Rsn applied othr Welfare-mth 2(7=Just
  learn prog)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (7=Just learned about the program)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2408M2   2   665
T RC2: Rsn applied othr Welfare-mth 2(8=Just
  applied)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (8=Just got around to applying)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB2409M2   2   667
T RC2: Rsn applied othr Welfare-mth 2(9=Became
  disabled)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 2?
      (9=Became disabled)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB2410M2   2   669
T RC2: Rsn applied for othr Welfare-mth
  2(10=Other)
      What set of circumstances led .... to
      apply for [fill inctyp] in month 2?
      (10=Other, specify)
U All adults with other Welfare and emthyn2=1
  and emthyn1=2
V   -1 .Not in universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB24M2   1   671
T RC2: Rsn applied othr Welfare-mth 2
  allocation flag
      Imputation flag for EB2101M2 thru
      EB2110M2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB03S1M2   2   672
T RC2: Rsn applied for Fed SSI-mth 2(1=Needed
  the money)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 2?
      (1=Needed the money)
U All adults with Federal SSI and emthyn2=1
  and emthyn1=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB03S2M2   2   674
T RC2: Rsn applied for Fed SSI-mth 2(2=Became
  disabled/blind)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 2?
      (2=Became disabled/blind)
U All adults with Federal SSI and emthyn2=1
  and emthyn1=2
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN   DATA   SIZE BEGIN

D EB03S3M2   2   676   D EB04S3M2   2   685
T RC2: Rsn applied for Fed SSI in month   T RC2: Rsn applied for State SSI in month
  2(3=Over 65)   2(3=Over 65)
      What set of circumstances led ... to   What set of circumstances led ... to
      apply for SSI (federal/state) in month 2?   apply for SSI (federal/state) in month 2?
      (3=Over 65)   (3=Over 65)
U All adults with Federal SSI and emthyn2=1 U All adults with State SSI and emthyn2=1 and
  and emthyn1=2   emthyn1=2
V   -1 .Not in Universe   V   -1 .Not in Universe
V   1 .Circumstance for applying   V   1 .Circumstance for applying
V   2 .Not a circumstance for applying V   2 .Not a circumstance for applying

D EB03S4M2   2   678   D EB04S4M2   2   687
T RC2: Rsn applied for Fed SSI in month   T RC2: Rsn applied for State SSI in month
  2(4=Other)   2(4=Other)
      What set of circumstances led ... to   What set of circumstances led ... to
      apply for SSI (federal/state) in month 2?   apply for SSI (federal/state) in month 2?
      (4=Other, specify)   (4=Other, specify)
U All adults with Federal SSI and emthyn2=1 U All adults with State SSI and emthyn2=1 and
  and emthyn1=2   emthyn1=2
V   -1 .Not in Universe   V   -1 .Not in Universe
V   1 .Circumstance for applying   V   1 .Circumstance for applying
V   2 .Not a circumstance for applying V   2 .Not a circumstance for applying

D AB03SM2   1   680   D AB04SM2   1   689
T RC2: Rsn applied for Fed SSI in month 2   T RC2: Rsn applied for State SSI-month 2
  allocation flg   allocation flg
      Imputation flag for EB03SM2   Imputation flag for EB03S1M2 thru
V   0 .Not imputed   EB03S4M2
V   1 .Imputed   V   0 .Not imputed
V   2 .Cold Deck Imputation   V   1 .Imputed
V   3 .Logical Imputation (Derivation) V   2 .Cold Deck Imputation
                                             V   3 .Logical Imputation (Derivation)

D EB04S1M2   2   681
T RC2: Rsn applied for State SSI-mth   D EB2101M1   2   690
  2(1=Needed the money)   T RC2: Rsn applied GA/GR-mth 1(1=Needed the
      What set of circumstances led ... to   money)
      apply for SSI (federal/state) in month 2?   What set of circumstances led to .... to
      (1=Needed the money)   apply for [fill inctyp] in month 1?
U All adults with Federal SSI and emthyn2=1   (1=Needed the money)
  and emthyn1=2   U All adults with General Assistance/Relief
V   -1 .Not in Universe   and emthyn1=1
V   1 .Circumstance for applying   V   -1 .Not in universe
V   2 .Not a circumstance for applying V   1 .Circumstance for applying
                                             V   2 .Not a circumstance for applying

D EB04S2M2   2   683
T RC2: Rsn applied for State SSI-mth   D EB2102M1   2   692
  2(2=Disabled/blind)   T RC2: Rsn applied GA/GR-mth 1(2=Preg/birth)
      What set of circumstances led ... to   What set of circumstances led to .... to
      apply for SSI (federal/state) in month 2?   apply for [fill inctyp] in month 1?
      (2=Became disabled/blind)   (2=Pregnancy/birth of child)
U All adults with State SSI and emthyn2=1 and U All adults with General Assistance/Relief
  emthyn1=2   and emthyn1=1
V   -1 .Not in Universe   V   -1 .Not in universe
V   1 .Circumstance for applying   V   1 .Circumstance for applying
V   2 .Not a circumstance for applying V   2 .Not a circumstance for applying

                                           D EB2103M1   2   694
                                           T RC2: Rsn applied GA/GR-mth 1(3=Received for
                                             another)
                                                 What set of circumstances led to .... to
                                                 apply for [fill inctyp] in month 1?
                                                 (3=Began receiving for another dependent)
                                           U All adults with General Assistance/Relief
                                             and emthyn1=1
                                           V   -1 .Not in universe
                                           V   1 .Circumstance for applying
                                           V   2 .Not a circumstance for applying

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DATA        SIZE  BEGIN
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D EB2104M1   2    696
T RC2: Rsn applied GA/GR-mth
  1(4=Separated/divorced)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (4=Separated of divorced from
      spouse/partner)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
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```
D EB2105M1   2    698
T RC2: Rsn applied GA/GR-mth 1(5=Loss of
  job/income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (5=Loss of job/wages/other income)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
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D EB2106M1   2    700
T RC2: Rsn applied GA/GR-mth 1(6=Loss of other
  income)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (6=Loss of other support income)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2107M1   2    702
T RC2: Rsn applied GA/GR-mth 1(7=Just learned
  of prog)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (7=Just learned about the program)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2108M1   2    704
T RC2: Rsn applied GA/GR-mth 1(8=Just
  applied))
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (8=Just got around to applying)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2109M1   2    706
T RC2: Rsn applied GA/GR-mth 1(9=Became
  disabled)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (9=Became disabled)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2110M1   2    708
T RC2: Rsn applied for GA/GR-mth 1(10=Other)
      What set of circumstances led .... to
      apply for [fill inctyp] in month 1?
      (10=Other, specify)
U All adults with General Assistance/Relief
  and emthyn1=1
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D AB21M1     1    710
T RC2: Rsn applied for GA/GR in mth 1
  allocation flg
      Imputation flag for EB2101M1 thru
      EB2110M1
V         0 .Not imputed
V         1 .Imputed
V         2 .Cold Deck Imputation
V         3 .Logical Imputation (Derivation)
```

```
D EB2401M1   2    711
T RC2: Rsn applied other Welfare-mth
  1(1=Needed the money)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (1=Needed the money)
U All adults with other Welfare and
  emthyn1=1<BR>
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2402M1   2    713
T RC2: Rsn applied other Welfare-mth
  1(2=Preg/birth)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (2=Pregnancy/birth of child )
U All adults with other Welfare and
  emthyn1=1<BR>
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
D EB2403M1   2    715
T RC2: Rsn applied other Welfare-mth 1(3=Recd
  for another)
      What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?
      (3=Began receiving for another dependent)
U All adults with other Welfare and
  emthyn1=1<BR>
V        -1 .Not in universe
V         1 .Circumstance for applying
V         2 .Not a circumstance for applying
```

```
DATA        SIZE  BEGIN                      DATA        SIZE  BEGIN


D EB2404M1   2    717                        D EB2409M1   2    727
T RC2: Rsn applied other Welfare-mth         T RC2: Rsn applied other Welfare-mth
  1(4=Sep/div)                                 1(9=Became disabled)
      What set of circumstances led to .... to     What set of circumstances led to .... to
      apply for [fill inctyp] in month 1?          apply for [fill inctyp] in month 1?
      (4=Separated of divorced from                (9=Became disabled)
      spouse/partner)                        U All adults with other Welfare and
U All adults with other Welfare and            emthyn1=1<BR>
  emthyn1=1<BR>                               V       -1 .Not in universe
V       -1 .Not in universe                  V        1 .Circumstance for applying
V        1 .Circumstance for applying        V        2 .Not a circumstance for applying
V        2 .Not a circumstance for applying
                                             D EB2410M1   2    729
D EB2405M1   2    719                         T RC2: Rsn applied for other Welfare in month
T RC2: Rsn applied other Welfare-mth 1(5=Loss   1(10=Other)
  of job/income)                                  What set of circumstances led .... to
      What set of circumstances led to .... to     apply for [fill inctyp] in month 1?
      apply for [fill inctyp] in month 1?          (10=Other, specify)
      (5=Loss of job/wages/other income)     U All adults with other Welfare and
U All adults with other Welfare and            emthyn1=1<BR>
  emthyn1=1<BR>                               V       -1 .Not in universe
V       -1 .Not in universe                  V        1 .Circumstance for applying
V        1 .Circumstance for applying        V        2 .Not a circumstance for applying
V        2 .Not a circumstance for applying
                                             D AB24M1     1    731
D EB2406M1   2    721                         T RC2: Rsn applied other Welfare-mth 1
T RC2: Rsn applied GA/GR-mth 1(6=Loss of other  allocation flag
  income)                                         Imputation flag for EB2401M1 thru
      What set of circumstances led to .... to     EB2410M1
      apply for [fill inctyp] in month 1?     V        0 .Not imputed
      (6=Loss of other support income)        V        1 .Imputed
U All adults with other Welfare and          V        2 .Cold Deck Imputation
  emthyn1=1<BR>                               V        3 .Logical Imputation (Derivation)
V       -1 .Not in universe
V        1 .Circumstance for applying        D EB03S1M1   2    732
V        2 .Not a circumstance for applying  T RC2: Rsn applied for Fed SSI-mth 1(1=Needed
                                               the money)
D EB2407M1   2    723                             What set of circumstances led ... to
T RC2: Rsn applied GA/GR-mth 1(7=Just learned     apply for SSI (federal/state) in month 1?
  of prog)                                        (1=Needed the money)
      What set of circumstances led to .... to U All adults with Federal SSI and
      apply for [fill inctyp] in month 1?      emthyn1=1<BR>
      (7=Just learned about the program)      V       -1 .Not in Universe
U All adults with other Welfare and          V        1 .Circumstance for applying
  emthyn1=1<BR>                               V        2 .Not a circumstance for applying
V       -1 .Not in universe
V        1 .Circumstance for applying        D EB03S2M1   2    734
V        2 .Not a circumstance for applying  T RC2: Rsn applied Fed SSI-mth 1(2=Became
                                               disabled/blind)
D EB2408M1   2    725                             What set of circumstances led ... to
T RC2: Rsn applied other Welfare-mth 1(8=Just     apply for SSI (federal/state) in month 1?
  applied)                                        (2=Became disabled/blind)
      What set of circumstances led to .... to U All adults with Federal SSI and
      apply for [fill inctyp] in month 1?      emthyn1=1<BR>
      (8=Just got around to applying)         V       -1 .Not in Universe
U All adults with other Welfare and          V        1 .Circumstance for applying
  emthyn1=1<BR>                               V        2 .Not a circumstance for applying
V       -1 .Not in universe
V        1 .Circumstance for applying
V        2 .Not a circumstance for applying
```

DATA   SIZE BEGIN

D EB03S3M1   2   736
T RC2: Rsn applied for Fed SSI in month
  1(3=Over 65)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (3=Over 65)
U All adults with Federal SSI and
  emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB03S4M1   2   738
T RC2: Rsn applied for Fed SSI in month
  1(4=Other)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (4=Other, specify)
U All adults with Federal SSI and
  emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB03SM1   1   740
T RC2: Rsn applied for Fed SSI in month 1
      Imputation flag for EMB03S1 thru EMB03S1
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EB04S1M1   2   741
T RC2: Rsn applied State SSI mth 1(1=Needed
  the money)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (1=Needed the money)
U All adults with State SSI and emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB04S2M1   2   743
T RC2: Rsn applied State SSI mth 1(2=Became
  disabled/blind)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (2=Became disabled/blind)
U All adults with State SSI and emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D EB04S3M1   2   745
T RC2: Rsn applied State SSI-mth 1(3=Over 65)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (3=Over 65)
U All adults with State SSI and emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

DATA   SIZE BEGIN

D EB04S4M1   2   747
T RC2: Rsn applied for State SSI-mth
  1(4=Other)
      What set of circumstances led ... to
      apply for SSI (federal/state) in month 1?
      (4=Other, specify)
U All adults with State SSI and emthyn1=1
V   -1 .Not in Universe
V   1 .Circumstance for applying
V   2 .Not a circumstance for applying

D AB04SM1   1   749
T RC2: Rsn applied for State SSI in month 1
      Imputation flag for EB04SM1
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ECOVB1M   2   750
T RC2: Month applied for Social Security that
  time
      When did ... apply for [...Inctyp] that
      time?
U All adults with Social Security and emthyn1
  = 1 AND essiself=1
V   -1 .Not in universe
V   1:12 .Month applied

D TCOVB1Y   4   752
T RC2: Year applied for Social Security that
  time
      When did ... apply for [...Inctype] that
      time?
U All adults with Social Security and emthyn1
  = 1 AND essiself=1
V   -1 .Not in universe
V 1926:1996 .Year applied

D ACOVB1M   1   756
T RC2: Month applied for Social Security that
  time
      Imputation flag for ECOVB1M
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ACOVB1Y   1   757
T RC2: Year applied for Social Security that
  time
      Imputation flag for ECOVB1Y
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ECOVB3M   2   758
T RC2: Month applied for Fed SSI that time
      When did ... apply for [...Inctyp] that
      time?
U All adults with Federal SSI and emthyn1 = 1
  AND essiself=1
V   -1 .Not in universe
V   1:12 .Month applied

DATA   SIZE BEGIN   DATA   SIZE BEGIN

D TCOVB3Y   4   760
T RC2: Year applied for Fed SSI that time
     When did ... apply for [...Inctype] that
     time?
U All adults with Federal SSI and emthyn1 = 1
  AND essiself=1
V   -1 .Not in universe
V 1926:1996 .Year applied

D ACOVB3M   1   764
T RC2: Month applied for Fed SSI that time
     Imputation flag for ECOVB3M
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ACOVB3Y   1   765
T RC2: Year applied for Fed SSI that time
     Imputation flag for ECOVB3Y
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ECOVB4M   2   766
T RC2: Month applied for State SSI that time
     When did ... apply for [...Inctyp] that
     time?
U All adults with State SSI and emthyn1 = 1
  AND essiself=1
V   -1 .Not in universe
V   1:12 .Month applied

D TCOVB4Y   4   768
T RC2: Year applied for EGICODE that time
     When did ... apply for [...Inctype] that
     time?
U All adults with State SSI and emthyn1 = 1
  AND essiself=1
V   -1 .Not in universe
V 1926:1996 .Year applied

D ACOVB4M   1   772
T RC2: Month applied for State SSI that time
     Imputation flag for ECOVB4M
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ACOVB4Y   1   773
T RC2: Year applied for State SSI that time
     Imputation flag for ECOVB4Y
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAPLFS   2   774
T TMR: Ever applied for Food Stamp Program
     Has .... ever applied for the Federal
     Governments' Food Stamp Program?
U All adults receiving FOOD STAMPS and
  EPOPSTAT=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D AAPLFS   1   776
T TMR: Ever applied for Food Stamp Program
  allocation flg
     Imputation flag for EAPLFS
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ERECVFS   2   777
T TMR: Authorized to receive Food Stamp
     Has .... ever been authorized to
     receive-food stamps?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D ARECVFS   1   779
T TMR: Authorized to receive Food Stamp
  allocation flag
     Imputation flag for ERECVFS
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFSSTRMN   2   780
T TMR: Month first received food stamp
     When did ... first start receiving food
     stamp?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1
V   -1 .Not in universe
V   1:12 .Jan. thru Dec

D AFSSTRMN   1   782
T TMR: Month first received food stamp
  allocation flag
     Imputation flag for EFSSTRMN
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

DATA   SIZE BEGIN

D TFSSTRYR   4   783
T TMR: Year first received food stamp
     When did ... first start receiving food
     stamp?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1
V   -1 .Not in universe
V 1926:1996 .Year

D AFSSTRYR   1   787
T TMR: Year first received food stamp
  allocation flag
     Imputation flag for EFSSTRYR
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFSLONG1   2   788
T TMR: Length of time received food
  stamp(months)
     For how long did ... receive food stamps
     that time?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and
  EFSSTRYR >0
V   -1 .Not in universe
V   1:99 .Length of time in months

D AFSLONG1   1   790
T TMR: Length of time received FStamps(mth)
  allocation flg
     Imputation flag for EFSLONG1
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EFSLONG2   2   791
T TMR: Length of time received food
  stamp(years)
     For how long did ... receive food stamps
     that time?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and
  EFSSTRYR >0
V   -1 .Not in universe
V   1:99 .Length of time in years

D AFSLONG2   1   793
T TMR: Length of time received FStamp(yrs)
  allocation flg
     Imputation flag for EFSLONG2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

DATA   SIZE BEGIN

D EFSTIMES   2   794
T TMR: Number of times received food stamps
     How many times in all have there been
     when... received food stamps?
U All adults who receive Food stamp and
  EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and
  EFSSTRYR >0 and (EFSLONG1 or EFSLONG2 > 0).
V   -1 .Not in universe
V   1:99 .Number of times received food
           .stamps

D AFSTIMES   1   796
T TMR: Number of times received FStamps
  allocation flg
     Imputation flag for EFSTIMES
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAPLAFDC   2   797
T TMR: Ever applied for AFDC/ADC Program
     Has .... ever applied for benefits from
     the program AFDC - Aid With Dependent
     Children Sometimes called ADC?
U All adults that receive AFDC and EPOPSTAT=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D AAPLAFDC   1   799
T TMR: Ever applied for AFDC/ADC Program
  allocation flag
     Imputation flag for EAPLAFDC
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ERCVAFDC   2   800
T TMR: Authorized to receive AFDC/ADC
     Has .... ever receive AFDC benefits?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D ARCVAFDC   1   802
T TMR: Authorized to receive AFDC/ADC
  allocation flag
     Imputation flag for ERCVAFDC
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAFDCSTM   2   803
T TMR: Month first received AFDC/ADC benefits
     When did ... first start receiving AFDC
     benefits?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1 and ERCVAFDC=1
V   -1 .Not in universe
V   1:12 .Month first start receiving AFDC

DATA   SIZE BEGIN

D AAFDCSTM   1   805
T TMR: Month 1st received AFDC/ADC benefits
  allocation flg
      Imputation flag for EAFDCSTM
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D TAFDCSTY   4   806
T TMR: Year first received AFDC/ADC benefits
      When did ... first start receiving AFDC
      benefits?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1 and ERCVAFDC=1
V   -1 .Not in universe
V 1926:1996 .Year first received AFDC
V   .benefits

D AAFDCSTY   1   810
T TMR: Year 1st received AFDC/ADC benefits
  allocation flg
      Imputation flag for EAFDCSTY
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAFDCLG1   2   811
T TMR: Length of time received
  AFDC/ADC(months)
      For how long did ... receive AFDC that
      time?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1 and ERCVAFDC=1 and EAFDCSTY
  >0
V   -1 .Not in universe
V   1:99 .Length of time in
V   .months,received AFDC/ADC

D AAFDCLG1   1   813
T TMR: Length of time recd AFDC/ADC(mth)
  allocation flg
      Imputation flag for EAFDCLG1
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAFDCLG2   2   814
T TMR: Length of time received AFDC/ADC(years)
      For how long did ... receive AFDC that
      time?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1 and ERCVAFDC=1 and EAFDCSTY>0
V   -1 .Not in universe
V   1:99 .Length of time in years received
V   .AFDC/ADC

D AAFDCLG2   1   816
T TMR: Length of time recd AFDC/ADC(yrs)
  allocation flg
      Imputation flag for EAFDCLG2
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAFDCTIM   2   817
T TMR: Number of times received AFDC/ADC
      How many times in all have there been
      when... received AFDC?
U All adults that receive AFDC and EPOPSTAT=1
  and EAPLAFDC=1 and ERCVAFDC=1 and EAFDCSTY>0
  and (EAFDCLG1 or EAFDCLG2 > 0).
V   -1 .Not in universe
V   1:99 .Number of times received AFDC

D AAFDCTIM   1   819
T TMR: Number of times recd AFDC/ADC
  allocation flg
      Imputation flag for EAFDCTIM
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D EAPLSSI   2   820
T TMR: Ever applied for SSI program
      Has .... ever applied for benefits from
      the program called SSI or Supplemental
      Security Income?
U All adults with SSI(fed/state) and
  EPOPSTAT=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D AAPLSSI   1   822
T TMR: Ever applied for SSI allocation flag
      Imputation flag for EAPLSSI
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ERECVSSI   2   823
T TMR: Authorized to receive SSI
      Has .... ever been authorized to
      receive-SSI? Program?
U All adults with SSI(fed/state) and
  EPOPSTAT=1 and EAPLSSI=1
V   -1 .Not in universe
V   1 .Yes
V   2 .No

D ARECVSSI   1   825
T TMR: Authorized to receive SSI allocation
  flag
      Imputation flag for ERECVSSI
V   0 .Not imputed
V   1 .Imputed
V   2 .Cold Deck Imputation
V   3 .Logical Imputation (Derivation)

D ESSISTRM   2   826
T TMR: Month first received SSI benefits
      When did ... first start receiving SSI?
U All adults with SSI(fed/state) and
  EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1
V   -1 .Not in universe
V   1:12 .Month first started receiving
V   .SSI

```
DATA        SIZE  BEGIN                      DATA        SIZE  BEGIN

D ASSISTRM   1    828                        D ASSILNG1   1    836
T TMR: Month first received SSI benefits     T TMR: Length of time received SSI(months)
  allocation flg                               allocation flg
     Imputation flag for ESSISTRM                 Imputation flag for ESSILNG1
V        0 .Not imputed                      V        0 .Not imputed
V        1 .Imputed                          V        1 .Imputed
V        2 .Cold Deck Imputation             V        2 .Cold Deck Imputation
V        3 .Logical Imputation (Derivation)  V        3 .Logical Imputation (Derivation)

D TSSISTRY   4    829                        D ESSILNG2   2    837
T TMR: Year first received SSI benefits      T TMR: Length of time received SSI(years)
    When did ... first start receiving SSI?      For how long did ... receive SSI that
U All adults with SSI(fed/state) and             time?
  EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1    U All adults with SSI(federal/state) and
V       -1 .Not in universe                    EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1 and
V 1926:1996 .Year started receiving SSI        ESSISTRY>0
                                             V       -1 .Not in universe
D ASSISTRY   1    833                        V     1:99 .Length of time received
T TMR: Year first received SSI benefits      V          .SSI(years)
  allocation flg
     Imputation flag for ESSISTRY           D ASSILNG2   1    839
V        0 .Not imputed                      T TMR: Length of time received SSI(years)
V        1 .Imputed                            allocation flg
V        2 .Cold Deck Imputation                 Imputation flag for ESSILNG2
V        3 .Logical Imputation (Derivation)  V        0 .Not imputed
                                             V        1 .Imputed
D ESSILNG1   2    834                        V        2 .Cold Deck Imputation
T TMR: Length of time received SSI(months)   V        3 .Logical Imputation (Derivation)
    For how long did ... receive SSI that
    time?                                    D FILLER     1    840
U All adults with SSI(fed/state) and
  EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1 and
  ESSISTRY>0
V       -1 .Not in universe
V     1:99 .Length of time received
V          .SSI(months)
```

SOURCE AND ACCURACY STATEMENT

for the Survey of Income and Program Participation[1]
from 1996 Public Use Files

SOURCE OF DATA

The data was collected in the 1996 panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. The population includes persons living in group quarters, such as dormitories, rooming houses, and religious group dwellings. Crew members of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates and nursing home residents, were not eligible to be in the survey. Also, United States citizens residing abroad were not eligible to be in the survey. Foreign visitors who work or attend school in this country and their families were eligible; all others were not eligible to be in the survey. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be in the survey.

The 1996 panel of the SIPP sample is located in 322 Primary Sampling Units (PSUs), each consisting of a county or a group of contiguous counties. Within these PSUs, living quarters (LQs) were systematically selected from lists of addresses prepared for the 1990 decennial census to form the bulk of the sample. To account for LQs built within each of the sample areas after the 1990 census, a sample containing clusters of four LQs was drawn of permits issued for construction of residential LQs up until shortly before the beginning of the panel.

In jurisdictions that don't issue building permits or have incomplete addresses, we systematically sampled expected clusters of four LQs which were listed by field personnel and then subsampled in the field. In addition, we selected sample LQs from a supplemental frame that included LQs identified as missed in the 1990 census.

For the first interview of the panel, Wave 1, we obtained interviews from occupants of about 36,700 of the 49,200 designated living quarters. We found most of the remaining 12,500 living quarters in the panel to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, we did not interview approximately 3,400 of the 12,500 living quarters in the panel because the occupants, (1) refused to be interviewed, (2) could not be found at home, (3) were temporarily absent, or (4) were otherwise unavailable. Thus, occupants of about 92 percent of all eligible living quarters participated in the first interview of the panel.

For subsequent interviews, only original sample persons (those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. We followed original sample persons if they moved to a new address, unless the new address was more than 100 miles from a SIPP sample area. Then, we attempted telephone interviews.

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Sample households within a given panel are divided into four random subsamples of nearly equal size. These subsamples are called rotation groups and one rotation group is interviewed each month. Each household in the sample was scheduled to be interviewed at 4 month intervals over a period of roughly 4 years beginning in April 1996. The reference period for the questions is the 4-month period preceding the interview month. In general, one cycle of four interviews covering the entire sample, using the same questionnaire, is called a wave.

The public use files include core and supplemental (**topical module**) data. Core questions are repeated at each interview over the life of the panel. Topical modules include questions which are asked only in certain waves. The 1996 panel topical modules are given in Table 1.

Table 2 indicates the reference months and interview months for the collection of data from each rotation group for the 1996 panel. For example, Wave 1 rotation group 1 of the 1996 panel was interviewed in April 1996 and data for the reference months December 1995 through March 1996 were collected.

Estimation. We used several stages of weight adjustments in the estimation procedure to derive the SIPP cross-sectional person weights. We gave each person a base weight **(BW)** equal to the inverse of probability of selection of a person's household. We applied two noninterview adjustment factors. One adjusted the weights of interviewed persons in interviewed households to account for households which were eligible for the sample but which field representatives could not interview at the first interview (F_{N1}). The second compensated for person noninterviews occurring in subsequent interviews (F_{N2}). We used a Duplication Control Factor **(DCF)** which adjusts for subsampling done in the field when the number of sample units is much larger than expected. We applied a Mover's Weight **(MW)**, which adjusts for persons in the SIPP universe who move into sample households after wave 1. The last weight applied is the Second Stage Adjustment Factor (F_{2s}). This weight adjusts estimates to population controls and causes husbands' and wives' weights to be equal.

The final cross-sectional weight is $\mathbf{Fw_c = BW \times DCF \times F_{n1} \times F_{2S}}$ for wave 1 and is $\mathbf{Fw_c = IW \times F_{n2} \times F_{2S}}$ for waves 2+ , where **IW** is either **BW x DCF x F$_{n1}$** or **MW**. James (1995) and Siegel (1995a) describe SIPP cross-sectional weighting in greater detail.

Researchers both inside and outside the Census Bureau conducted evaluations of SIPP weighting methodology and researched alternative methodologies. We are making several improvements to SIPP weighting methods beginning with this panel. They are described below.

- We dropped the first stage factor (F_{1s}) from cross-sectional weighting. This factor adjusted for differences between the Census count of population and an estimate of that count based on Census data for sample PSUs. James (1994) found that it did not reduce variance as was previously believed. Jabine, et al (1990) describe the first stage factor used in earlier panels.

- We are using additional variables in nonresponse adjustment. We added high/low poverty stratum code to the Wave 1 nonresponse adjustment, and we added household income, geographic division, and number of imputations for selected income and asset items to the nonresponse adjustment for waves 2+ . Research by Rizzo, et al (1994) and by Folsom and Witt (1994) pointed out the potential of the latter three variables in reducing nonresponse bias.

- We redefined nonresponse adjustment cells for waves 2+ weighting. We formed the nonresponse cells by successively partitioning data from five panels by whichever variable most reduced the bias of the household income to poverty threshold ratio. We used data from a sixth panel to evaluate the results. We calculated the nonresponse bias of six variables at waves two and seven for both the new cells and the original cells using initial weights and data from the most recent interview in the calculations. The new cells had lower bias for five of the six variables (Siegel, 1995b).

Research was conducted on a number of promising weighting improvements. Allen and Petroni (1994) reported on an adjustment for mover attrition. Folsom and Witt (1994) and Rizzo, et al (1994) studied alternative nonresponse adjustments using response propensity models. Each study computed weights using an alternative methodology. The researchers then compared estimates of various items to benchmarks. The benchmarks came from administrative records and survey data with less nonresponse than the SIPP. The comparisons did not provide strong evidence of lower bias using the alternative weighting methods.

Additional Methodology

Use of Weights. Each household and each person within each household on each wave tape has four weights. These four weights are reference month specific and therefore can be used only to form reference month estimates. Reference month estimates can be averaged to form estimates of monthly averages over some period of time.

> **Example**, using the proper weights, one can estimate the monthly average number of households in a specified income range over November and December 1996. To estimate monthly averages of a given measure (e.g., total, mean) over a number of consecutive months, sum the monthly estimates and divide by the number of months.

To form an estimate for a particular month, use the reference month weight for the month of interest, summing over all persons or households with the characteristic of interest whose reference period includes the month of interest. Multiply the sum by a factor to account for the number of rotations contributing data for the month. This factor equals four divided by the number of rotations contributing data for the month. For example, December 1995 data is only available from rotations 2, 3, and 4 for Wave 1 of the 1996 panel (See Table 2), so a factor of 4/3 must be applied.

When estimates for months with less than four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a persons's or household's status over two or more months (e.g., number of households with a 50 percent increase in income between November and December 1995).

Producing Estimates for Census Regions and States. The total estimate for a region is the sum of the state estimates in that region. Using this sample, estimates for individual states are subject to very high variance and are not recommended. The state codes on the file are primarily of use

in linking respondent characteristics with appropriate contextual variables (e.g., state-specific welfare criteria) and for tabulating data by user-defined groupings of states.

Producing Estimates for the Metropolitan Population. For Washington, DC and 14 other states, metropolitan or non-metropolitan residence is identified (variable H*-METRO). In 28 additional states, where the non-metropolitan population in the sample was small enough to present a disclosure risk, a fraction of the metropolitan sample was recoded to be indistinguishable from non-metropolitan cases (H*-METRO= 2). In these states, therefore, the cases coded as metropolitan (H*-METRO= 1) represent only a subsample of that population.

In producing state estimates for a metropolitan characteristic, multiply the individual, family, or household weights by the metropolitan inflation factor for that state, presented in Table 3. (This inflation factor compensates for the subsampling of the metropolitan population and is 1.0 for the states with complete identification of the metropolitan population.)

The same procedure applies when creating estimates for particular identified MSA's or CMSA's--apply the factor appropriate to the state. For multi-state MSA's, use the factor appropriate to each state part. For example, to tabulate data for the Maine, ME-VT, apply the Vermont factor of 1.57953 to weights for residents of the Vermont part of the MSA; Maine residents require no modification to the weight (i.e., their factors equal 1.57953).

In producing regional or national estimates of the metropolitan population, it is also necessary to compensate for the fact that no metropolitan subsample is identified within two states (Mississippi and West Virginia). Thus, factors in the right-hand column of Table 3 should be used for regional and national estimates. The results of regional and national tabulations of the metropolitan population will be biased slightly. However, less than one-half of one percent of the metropolitan population is not represented.

Producing Estimates for the Non-Metropolitan Population. State, regional, and national estimates of the non-metropolitan population cannot be computed directly, except for Washington, DC and the 13 states where the factor for state tabulations in Table 3 is 1.0. In all other states, the cases identified as not in the metropolitan subsample (METRO= 2) are a mixture of non-metropolitan and metropolitan households. Only an indirect method of estimation is available: first compute an estimate for the total population, then subtract the estimates for the metropolitan population. The results of these tabulations will be slightly biased.

ACCURACY OF ESTIMATES

SIPP estimates are based on a sample; they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaire, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: nonsampling and sampling. We are able to provide estimates of the magnitude of SIPP sampling error, but this is not true of nonsampling error. Found in the next sections are descriptions of sources of SIPP nonsampling error, followed by a discussion of sampling error, its estimation, and its effect in data analyses.

Nonsampling Error. Nonsampling errors can be attributed to many sources:

C   inability to obtain information about all cases in the sample
C   definitional difficulties
C   differences in the interpretation of questions
C   inability or unwillingness on the part of the respondents to provide correct information
C   inability to recall information, errors made in the following: collection such as in recording or coding the data, processing the data, estimating values for missing data
C   biases resulting from the differing recall periods caused by the interviewing pattern used
C   and undercoverage.

Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the SIPP Quality Profile by Thomas B. Jabine, Karen E. King and Rita J. Petroni, issued May 1990.

Undercoverage in SIPP results from missed living quarters and missed persons within sample households. It is known that undercoverage varies with age, race, and sex. Generally, undercoverage is larger for males than for females and larger for Blacks than for nonBlacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have characteristics different from those of interviewed persons in the same age-race-sex group. Further, the independent population controls used have been adjusted for undercoverage in the Census.

A common measure of survey coverage is the coverage ratio, the estimated population before ratio adjustment divided by the independent population control. The Table below shows SIPP coverage ratios for age-sex-race groups for one month-April 1996 prior to the weighting adjustment. The SIPP coverage ratios exhibit some variability from month to month, but these are a typical set of coverage ratios. Other Census Bureau household surveys [like the Current Population Survey] experience similar coverage.

SIPP Coverage Ratios - Age by Nonblack/Black Status and Sex

| | NonBlack | | Black | |
	M	F	M	F
Age				
15	0.9175	1.1235	0.7044	0.7749
16-17	0.8640	0.9289	0.8826	0.9433
18-19	0.8620	0.8647	0.8274	0.8339
20-21	0.8848	0.8041	0.6255	0.9596
22-24	0.7859	0.8692	0.5857	0.6705
25-29	0.8022	0.8254	0.8504	0.8386
30-34	0.8721	0.9063	0.8792	0.7991
35-39	0.9212	0.9855	0.7119	0.8982
40-44	0.9058	0.9321	0.8059	0.9653
45-49	0.9009	0.9761	0.6856	0.7758
50-54	0.9667	0.9181	0.8993	1.2103
60-61	0.8405	0.8961	1.0210	0.9877
62-64	0.9866	1.0698	0.9914	0.9618
65-69	0.9304	0.9423	1.0646	0.7759
70-74	0.8836	0.9362	0.7896	1.3338
75-79	0.8952	1.0046	--------	0.9104
80-84	0.8974	0.9651	--------	--------
85+	0.9558	0.9669	-------	-------

These coverage ratios are for April 1996.

Comparability with Other Estimates. Caution should be exercised when comparing data from this with data from other SIPP products or with data from other surveys. The comparability problems are caused by such sources as the seasonal patterns for many characteristics, different nonsampling errors, and different concepts and procedures. Refer to the SIPP Quality Profile for known differences with data from other sources and further discussions.

Sampling Error. Standard errors indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The standard errors for the most part measure the variations that occurred by chance because a sample rather than the entire population was surveyed.

USES AND COMPUTATION OF STANDARD ERRORS

Confidence Intervals. The sample estimate and its standard error enable one to construct confidence intervals, ranges that would include the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these being surveyed under essentially the same conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average estimate derived from all possible samples is or is not contained in any particular computed interval. However, for a particular sample, one can say with a specified confidence that the average estimate derived from all possible samples is included in the confidence interval.

Hypothesis Testing. Standard errors may also be used for hypothesis testing, a procedure for distinguishing between population characteristics using sample estimates. The most common types of hypotheses tested are 1) the population characteristics are identical versus 2) they are different. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

To perform the most common test, compute the difference $X_A - X_B$, where X_A and X_B are sample estimates of the characteristics of interest. A later section explains how to derive an estimate of the standard error of the difference $X_A - X_B$. Let that standard error be S_{DIFF}. If $X_A - X_B$ is between -1.6 times S_{DIFF} and + 1.6 times S_{DIFF}, no conclusion about the characteristics is justified at the 10 percent significance level. If, on the other hand, $X_A - X_B$ is smaller than -1.6 times S_{DIFF} or larger than + 1.6 times S_{DIFF}, the observed difference is significant at the 10

percent level. In this event, it is commonly accepted practice to say that the characteristics are different. Of course, sometimes this conclusion will be wrong. When the characteristics are the same, there is a 10 percent chance of concluding that they are different.

Note that as more tests are performed, more erroneous significant differences will occur. For example, at the 10 percent significance level, if 100 independent hypothesis tests are performed in which there are no real differences, it is likely that about 10 erroneous differences will occur. Therefore, the significance of any single test should be interpreted cautiously.

Note Concerning Small Estimates and Small Differences. Because of the large standard errors involved, there is little chance that estimates will reveal useful information when computed on a base smaller than 200,000. Care must be taken in the interpretation of small differences since even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

Calculating Standard Errors for SIPP Estimates. There are three main ways we calculate the Standard Errors for SIPP Estimates. They are as follows:

C   Replicate Weighting Methods,
C   Generalized Variance parameters (denoted as "a" and "b"),
C   Simplified tables using the "a" and "b" parameters.
     The most reliable method is the Replicate Weighting Method. SIPP uses the Replicate Weighting Method to produce Generalized Variance parameters. Using the Generalized Variance parameters, we create simplified tables.

Standard Error Parameters and Tables and Their Use. Most SIPP estimates have greater standard errors than those obtained through a simple random sample because PSUs are sampled and clusters of living quarters are sampled for the SIPP in the area and new construction frames. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted "a" and "b") were developed to approximate the standard error behavior of each group of estimates. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. These "a" and "b" parameters vary by characteristic and by demographic subgroup to which the estimate applies. Table 4 provides base "a" and "b" parameters to be used for the 1996 panel estimates. Table 10 provides parameters for calculating 1996 topical module variances.

The factors provided in Table 5 when multiplied by the base parameters of Table 4 for a given subgroup and type of estimate give the "a" and "b" parameters for that subgroup and estimate type for the specified reference period. For example, the base "a" and "b" parameters for total number of households are -0.00002480 and 2,474, respectively. For Wave 1 the factor for March 1996 is 1 since 4 rotation months of data is available. So, the "a" and "b" parameters for total household income in March 1996 based on Wave 1 are -0.00002480 and 2,474, respectively. Also for Wave 1, the factor for the first quarter of 1996 is 1.2222 since 9 rotation months of data are available (rotations 1 and 2 provide 3 rotations months each, while rotations 3 and 4 provide 1 and 2 rotation months, respectively). So the "a" and "b" parameters for total

number of households in the first quarter of 1992 are -0.00003031 and 3,024, respectively for Wave 1.

The "a" and "b" parameters may be used to calculate the standard error for estimated numbers and percentages. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. Methods for using these parameter for computation of approximate standard errors are given in the following sections.

For those users who wish further simplification, we have also provided general standard errors in Tables 6 through 9. Note that these standard errors only apply when data from all four rotations are used and must be adjusted by a factor from Table 4. The standard errors resulting from this simplified approach are less accurate. Methods for using these parameters and tables for computation of standard errors are given in the following sections.

The procedures described below apply only to reference month estimates or averages of reference month estimates. Refer to the section "Use of Weights" for a more detailed discussion of the construction of estimates.

Variance stratum codes and half sample codes are included on the tapes to enable the user to compute the variances directly and more accurately by methods such as balanced repeated replications (BRR). William G. Cochran provides a list of references discussing the application of this technique. (See Sampling Techniques, 3rd Ed., New York: John Wiley and Sons, 1977, p. 321.)

Standard errors of estimated numbers. The approximate standard error, s_x, of an estimated number of persons, households, families, unrelated individuals and so forth, can be obtained in two ways. Both apply when data from all four rotations are used to make the estimate. However, only the second method should be used when less than four rotations of data are available for the estimate. Note that neither method should be applied to dollar values.

The standard error may be obtained by the use of the formula

$$s_x \ ' \ fs \qquad (1)$$

where f is the appropriate "f" factor from Table 4, and s is the standard error on the estimate obtained by interpolation from Table 6 or 7. Alternatively, s_x may be approximated by the formula

$$s_x \ ' \ \sqrt{ax^2 \ \% \ bx} \qquad (2)$$

from which the standard errors in Tables 8 and 9 were calculated. Here x is the size of the estimate and "a" and "b" are the parameters associated with the particular type of characteristic being estimated. Use of formula 2 will provide more accurate results than the use of formula 1.

<u>Illustration.</u>

Suppose SIPP estimates for Wave 1 of the 1996 panel show that there were 1,700,000 black households with monthly household income above $4,000. The appropriate parameters and factor from Table 4 and the appropriate general standard error from Table 6 are

$a = -0.00018540$ $b = 2,160$ $f = 0.61$ $s = 117,000$

Using formula 1, the approximate standard error is

$s_x = 71,370$

Using formula 2, the approximate standard error is

$$\sqrt{(\&0.00018540)(1,700,000)^2 \% (2,160)(1,700,000)} ' 56,002$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from 1,610,397 to 1,789,603. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90% of all samples.

Standard Error of a Mean. A mean is defined here to be the average quantity of some item (other than persons, families, or households) per person, family or household. For example, it could be the average monthly household income of females age 25 to 34. The standard error of a mean can be approximated by formula 3 below. Because of the approximations used in developing formula 3, an estimate of the standard error of the mean obtained from this formula will generally underestimate the true standard error. The formula used to estimate the standard error of a mean $\bar{x}$ is

$$s_{\bar{x}} ' \sqrt{\left(\frac{b}{y}\right) s^2} \tag{3}$$

where y is the size of the base, s^2 is the estimated population variance of the item and b is the parameter associated with the particular type of item.

The population variance s^2 may be estimated by one of two methods. In both methods we assume x_i is the value of the item for unit I. (Unit may be person, family, or household). To use the first method, the range of values for the item is divided into c intervals. The upper and lower boundaries of interval j are Z_{j-1} and Z_j, respectively. Each unit is placed into one of c groups such that $Z_{j-1} < x_i \# Z_j$.

The estimated population variance, s^2, is given by the formula:

$$s^2 ' \sum_{j'1}^{c} p_j m_j^2 \& \bar{x}^2, \tag{4}$$

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where p_j is the estimated proportion of units in group j, and $m_j = (Z_{j-1} + Z_j/2)$. The most representative value of the item in group j is assumed to be m_j. If group c is open-ended, i.e., no upper interval boundary exists, then an approximate value for m_c is

$$m_c = \frac{3}{2} Z_{c-1} .$$

The mean, $\bar{x}$ can be obtained using the following formula:

$$\bar{x} = \sum_{j=1}^{c} p_j m_j .$$

In the second method, the estimated population variance is given by

$$s^2 = \frac{\sum_{i=1}^{n} w_i x_i^2}{\sum_{i=1}^{n} w_i} - \bar{x}^2 , \qquad (5)$$

where there are n units with the item of interest and w_i is the final weight for unit I. The mean, $\bar{x}$, can be obtained from the formula

$$\bar{x} = \frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i} .$$

Illustration.

Suppose that based on Wave 1 data, the distribution of monthly cash income for persons age 25 to 34 during the month of January 1996 is given in Table 11.

Using formula 4 and the mean monthly cash income of $2,530 the approximate population variance, s^2, is

$$s^2 ' \left(\frac{1,371}{39,851}\right) (150)^2 \% \left(\frac{1,651}{39,851}\right) (450)^2 \% ..... \%$$

$$\left(\frac{1,493}{39,851}\right) (9,000)^2 \& (2,530)^2 ' 3,159,887.$$

Using formula 3 and the appropriate base "b" parameter from Table 4, the estimated standard error of a mean $\bar{x}$ is

$$s_{\bar{x}} ' \sqrt{\left(\frac{3,476}{39,851,000}\right) (3,159,887)} ' \$16.60$$

Standard error of an aggregate. An aggregate is defined to be the total quantity of an item summed over all the units in a group. The standard error of an aggregate can be approximated using formula 6.

As with the estimate of the standard error of a mean, the estimate of the standard error of an aggregate will generally underestimate the true standard error. Let y be the size of the base, s^2 be the estimated population variance of the item obtained using formula (4) or (5) and b be the parameter associated with the particular type of item. The standard error of an aggregate is:

$$s_x ' \sqrt{(b) (y)s^2} \tag{6}$$

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a proportion is equal to the standard error of the corresponding percentage divided by 100.

There are two types of percentages commonly estimated. The first is the percentage of persons, families or households sharing a particular characteristic such as the percent of persons owning their own home. The second type is the percentage of money or some similar concept held by a particular group of persons or held in a particular form. Examples are the percent of total wealth held by persons with high income and the percent of total income received by persons on welfare.

For the percentage of persons, families, or households, the approximate standard error, $s_{(x,p)}$, of the estimated percentage p can be obtained by the formula

$$s_{(x,p)} ' fs \tag{7}$$

when data from all four rotations are used to estimate p.

In this formula, f is the appropriate "f" factor from Table 6 and s is the standard error of the estimate from Table 10 or 11.

Alternatively, it may be approximated by the formula

$$s_{(x,p)} ' \sqrt{\frac{b}{x} (p) (100 \& p)} \tag{8}$$

from which the standard errors in Tables 10 and 11 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage (0< p< 100), and b is the parameter associated with the characteristic in the numerator. Use of this formula will give more accurate results than use of formula 7 above and should be used when data from less than four rotations are used to estimate p.

Illustration.

Suppose that, in the month of January 1996, 6.7 percent of the 16,812,000 persons in nonfarm households with a mean monthly household cash income of $4,000 to $4,999, were black. Using formula 8 and the "b" parameter of 5,053 from Table 4 and a factor of 1 for the month of January 1996 from Table 7, the approximate standard error is

$$\sqrt{\frac{4,611}{(16,812,000)} (6.7) (100 \& 6.7)} ' 0.41 \; percent$$

Consequently, the 90 percent confidence interval as shown by these data is from 6.3 to 7.1 percent.

For percentages of money, a more complicated formula is required. A percentage of money will usually be estimated in one of two ways. It may be the ratio of two aggregates:

$$p_I ' 100 (X_A / X_N)$$

or it may be the ratio of two means with an adjustment for different bases:

$$p_I ' 100 (\hat{p}_A \bar{X}_A / \bar{X}_N)$$

where x_A and x_N are aggregate money figures, $\bar{x}_A$ and $\bar{x}_N$ are mean money figures, and $\hat{p}_A$ is the estimated number in group A divided by the estimated number in group N. In either case, we estimate the standard error as

$$s_I \ ' \ \sqrt{\left(\frac{\hat{p}_A \bar{x}_A}{\bar{x}_N}\right)^2 \left[\left(\frac{s_p}{\hat{p}_A}\right)^2 \% \left(\frac{s_A}{\bar{x}_A}\right)^2 \% \left(\frac{s_B}{\bar{x}_N}\right)^2\right]} \ , \tag{9}$$

where s_p is the standard error of $\hat{p}_A$, s_A is the standard error of $\bar{x}_A$ and s_B is the standard error of $\bar{x}_N$. To calculate s_p, use formula 8. The standard errors of $\bar{x}_N$ and $\bar{x}_A$ may be calculated using formula 3.

It should be noted that there is frequently some correlation between $\hat{p}_A$, $\bar{x}_N$, and $\bar{x}_A$. Depending on the magnitude and sign of the correlations, the standard error will be over or underestimated.

Illustration.

Suppose that in January 1996, 9.8% of the households own rental property, the mean value of rental property is $72,121, the mean value of assets is $78,734, and the corresponding standard errors are 0.31%, $5799, and $2867. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

$$' \ 100 \left((0.098)\frac{72121}{78734}\right) \ ' \ 9.0\%$$

Using formula (9), the appropriate standard error is

$$s_I \ ' \ \sqrt{\left(\frac{(0.098)(72121)}{78734}\right)^2 \left[\left(\frac{0.0031}{0.098}\right)^2 \% \left(\frac{5799}{72121}\right)^2 \% \left(\frac{2867}{78734}\right)^2\right]}$$

$$= \ 0.008$$

$$= \ 0.8\%$$

Standard Error of a Difference. The standard error of a difference between two sample estimates is approximately equal to

$$s_{(x\&y)} \ ' \ \sqrt{s_x^2 \% s_y^2} \tag{10}$$

where s_x and s_y are the standard errors of the estimates x and y. The estimates can be numbers, percents, ratios, etc. The above formula assumes that the correlation coefficient between the

characteristics estimated by x and y is zero. If the correlation is really positive (negative), then this assumption will tend to cause overestimates (underestimates) of the true standard error.

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of $4,000 to $4,999 was 3,186,000 in the month of January 1996 and the number of persons age 25-34 years with monthly cash income of $4,000 to $4,999 in the same time period was 2,619,000. Then, using parameters from Table 4 and formula 2, the standard errors of these numbers are approximately 104,414 and 94,801, respectively. The difference in sample estimates is 9,439 and using formula 10, the approximate standard error of the difference is

$$\sqrt{(104,414)^2 \% (94,801)^2} \ ' \ 95,371$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of $4,000 to $4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 9,439 to the product 1.6 x 95,371 = 152,594. Since the difference is less than 1.6 times the standard error of the difference, the data show that the two age groups are not significantly different at the 10 percent significance level.

Standard Error of a Median. The median quantity of some item such as income for a given group of persons, families, or households is that quantity such that at least half the group have as much or more and at least half the group have as much or less. The sampling variability of an estimated median depends upon the form of the distribution of the item as well as the size of the group. To calculate standard errors on medians, the procedure described below may be used.

An approximate method for measuring the reliability of an estimated median is to determine a confidence interval about it. (See the section on sampling variability for a general discussion of confidence intervals.) The following procedure may be used to estimate the 68-percent confidence limits and hence the standard error of a median based on sample data.

1.   Determine, using either formula 7 or formula 8, the standard error of an estimate of 50 percent of the group.

2.   Add to and subtract from 50 percent the standard error determined in step 1.

3.   Using the distribution of the item within the group, calculate the quantity of the item such that the percent of the group with more of the item is equal to the smaller percentage found in step 2. This quantity will be the upper limit for the 68-percent confidence interval. In a similar fashion, calculate the quantity of the item such that the percent of the group with more of the item is equal to the larger percentage found in step 2. This quantity will be the lower limit for the 68-percent confidence interval.

4.   Divide the difference between the two quantities determined in step 3 by two to obtain the standard error of the median.

To perform step 3, it will be necessary to interpolate. Different methods of interpolation may be used. The most common are simple linear interpolation and Pareto interpolation. The

appropriateness of the method depends on the form of the distribution around the median. If density is declining in the area, then we recommend Pareto interpolation. If density is fairly constant in the area, then we recommend linear interpolation. Note, however, that Pareto interpolation can never be used if the interval contains zero or negative measures of the item of interest. Interpolation is used as follows. The quantity of the item such that "p" percent have more of the item is

$$X_{pN} = \exp\left[\left(Ln\left(\frac{pN}{N_1}\right) \ / \ Ln\left(\frac{N_2}{N_1}\right)\right) \ Ln\left(\frac{A_2}{A_1}\right)\right]A_1 \tag{11}$$

if Pareto Interpolation is indicated and

$$X_{pN} = \left[\frac{PN - N_1}{N_2 - N_1} \ (A_2 - A_1) \ + \ A_1\right] \tag{12}$$

if linear interpolation is indicated, where

N	is the size of the group,
A_1 and A_2	are the lower and upper bounds, respectively, of the interval in which X_{pN} falls,
N_1 and N_2	are the estimated number of group members owning more than A_1 and A_2, respectively,
exp	refers to the exponential function and
Ln	refers to the natural logarithm function.

Illustration.

To illustrate the calculations for the sampling error on a median, we return to Table 14. The median monthly income for this group is $2,158. The size of the group is 39,851,000.

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.6 percentage points.

2. Following step 2, the two percentages of interest are 49.4 and 50.6.

3. By examining Table 14, we see that the percentage 49.4 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than $2,000 per month, the dollar value corresponding to 49.4 must be between $2,000 and $2,500). Thus, A_1 = $2,000, A_2 = $2,500, N_1 = 22,106,000, and N_2 = 16,307,000.

In this case, we decided to use Pareto interpolation. Therefore, the upper bound of a 68% confidence interval for the median is

$$\$2{,}000 \exp\left[\left(Ln\left(\frac{(.494)(39{,}851{,}000)}{22{,}106{,}000}\right) \Big/ Ln\left(\frac{16{,}307{,}000}{22{,}106{,}000}\right)\right)Ln\left(\frac{2{,}500}{2{,}000}\right)\right] \doteq \$2177$$

Also by examining Table 11, we see that 50.6 falls in the same income interval. Thus, A_1, A_2, N_1 and N_2 are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$\$2{,}000 \exp\left[\left(Ln\left(\frac{(.506)(39{,}851{,}000)}{22{,}106{,}000}\right) \Big/ Ln\left(\frac{16{,}307{,}000}{22{,}106{,}000}\right)\right)Ln\left(\frac{2{,}500}{2{,}000}\right)\right] \doteq \$2139$$

Thus, the 68-percent confidence interval on the estimated median is from $2139 to $2177. An approximate standard error is

$$\frac{\$2177 \ \& \ \$2139}{2} \doteq \$19$$

Standard Errors of Ratios of Means and Medians. The standard error for a ratio of means or medians is approximated by:

$$s_{\frac{x}{y}} \doteq \sqrt{\left(\frac{x}{y}\right)^2 \left[\left(\frac{s_y}{y}\right)^2 \% \left(\frac{s_x}{x}\right)^2\right]} \tag{13}$$

where x and y are the means or medians, and s_x and s_y are their associated standard errors. Formula 13 assumes that the means are not correlated. If the correlation between the population means estimated by x and y are actually positive (negative), then this procedure will tend to produce overestimates (underestimates) of the true standard error for the ratio of means.

Table 1.   1996 Panel Topical Modules

Wave	Topical Module
1	Recipiency History and Employment History
2	Work Disability; Education & Training; Marital; Migration; and Fertility Histories; and Household Relationships
3	Eligibility and Assets & Liabilities
4	Annual Income & Retirement Accounts; Taxes; Work Schedule; and Child Care
5	School Enrollment & Financing; Child Support; Support for Non-Household Members; Disability; and variable modules to be determined
6	Eligibility and Well-Being
7	Annual Income & Retirement Accounts; Taxes; and Retirement & Pension Plan Coverage
8	Variable modules to be determined
9	Eligibility and Assets & Liabilities
10	Annual Income & Retirement Accounts; Taxes; Work Schedule; and Child Care
11	Child Support; Support for Non-Household Members; Disability; and variable modules to be determined
12	Eligibility; and variable modules to be determined

Table 2.   Reference Months for Each Interview Month - 1996 Panel

Reference Period

Month of Interview	Wave/ Rotation	1st Quarter (1996) Jan Feb Mar			2nd Quarter (1996) Apr May Jun			3rd Quarter (1996) Jul Aug Sep			4th Quarter (1996) Oct Nov Dec			...	3rd Quarter (1999) Jul Aug Sep			4th Quarter (1999) Oct Nov Dec		
Apr 96	1/1	X	X	X																
May	1/2	X	X	X	X															
June	1/3		X	X	X	X														
July	1/4			X	X	X	X													
Aug	2/1				X	X	X	X												
Sept	2/2					X	X	X	X											
Oct	2/3						X	X	X	X										
Nov	2/4							X	X	X	X									
Dec	3/1								X	X	X	X								
Jan 97	3/2									X	X	X	X							
Feb	3/3										X	X	X							
.														...						
.														...	.					
.																				
Aug 99	11/1																			
Sept	11/2																			
Oct	11/3														X	X	X			
Nov	11/4														X	X	X	X		
Dec	12/1															X	X	X	X	
Jan	12/2													...			X	X	X	X
Feb	12/3																	X	X	X
Mar 2000	12/4																		X	X

Table 3. Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
Northeast:	Connecticut	1.00000	1.00000
	Maine	1.57953	0.65171
	Massachusetts	1.03252	1.03252
	New Hampshire	1.24580	1.24580
	New Jersey	1.00000	1.00000
	New York	1.00000	1.00000
	Pennsylvania	1.00000	1.00000
	Rhode Island	1.00000	1.00000
	Vermont	1.57953	0.65171
Midwest:	Illinois	1.00735	1.00735
	Indiana	1.00000	1.00000
	Iowa	1.30446	1.30446
	Kansas	1.16632	1.16632
	Michigan	1.02281	1.02281
	Minnesota	1.06701	1.06701
	Missouri	1.00000	1.00000
	Nebraska	1.30873	1.30873
	North Dakota	---	---
	Ohio	1.00000	1.00000
	South Dakota	---	---
	Wisconsin	1.00908	1.0098
South:	Alabama	1.07631	1.07631
	Arkansas	1.28386	1.28386
	Delaware	1.49701	1.49701
	D.C.	1.00000	1.00000
	Florida	1.01184	1.01184
	Georgia	1.01513	1.01513
	Kentucky	1.07446	1.07446
	Louisiana	1.06406	1.06406
	Maryland	1.00000	1.00000
	Mississippi	---	---
	North Carolina	1.00000	1.00000
	Oklahoma	1.07759	1.07759
	South Carolina	1.08096	1.08096
	Tennessee	1.00980	1.00980
	Texas	1.01112	1.01112
	Virginia	1.01554	1.01554
	West Virginia	---	---

- indicates no metropolitan subsample is identified for the state

Table 3.cont'd.   Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
West:	Alaska	---	---
	Arizona	1.02596	1.02596
	California	1.00000	1.00000
	Colorado	1.13327	1.13327
	Hawaii	1.00000	1.00000
	Idaho	---	---
	Montana	---	---
	Nevada	1.00000	1.00000
	New Mexico	1.66611	1.66611
	Oregon	1.03327	1.03327
	Utah	1.00000	1.00000
	Washington	1.03799	1.03799
	Wyoming	---	---

- indicates no metropolitan subsample is identified for the state

Table 4: SIPP Indirect Generalized Variance Parameters for the 1996 Panel

Characteristics	Parameters			
PERSONS	**a**	**b**	**DEFF**	**f**
Poverty and Program Participation	-0.00002071	4,241	1.80	0.72
Male	-0.00004305	4,241	1.80	0.72
Female	-0.00003999	4,241	1.80	0.72
Income and Labor Force	-0.00001697	3,476	1.47	0.65
Male	-0.00003528	3,476	1.47	0.65
Female	-0.00003278	3,476	1.47	0.65
Other (Person) Items	-0.00002073	5,479	2.32	0.82
Male	-0.00004245	5,479	2.32	0.82
Female	-0.00004053	5,479	2.32	0.82
Black (Person) Items	-0.00013740	4,611	1.95	0.75
Male	-0.00029645	4,611	1.95	0.75
Female	-0.00025609	4,611	1.95	0.75
Hispanic (Person) Items	-0.00026708	5,746	2.43	0.84
Male	-0.00052410	5,746	2.43	0.84
Female	-0.00054462	5,746	2.43	0.84
Metro/NonMetro (Person) Items	-0.00003100	8,191	3.47	1.00
Male	-0.00006347	8,191	3.47	1.00
Female	-0.00006059	8,191	3.47	1.00
Poverty and Program Participation Demographic	-0.00001361	2,788	1.18	0.58
Person Items (age/race/sex/marital status)				
Male	-0.00002830	2,788	1.18	0.58
Female	-0.00002629	2,788	1.18	0.58
HOUSEHOLDS				
Total or White	-0.00002480	2,474	1.05	0.65
Black	-0.00018540	2,160	0.92	0.61
Hispanic	-0.00041675	2,968	1.26	0.72
Metro/NonMetro	-0.00005798	5,783	2.45	1.00

Note 1: For Wave 4 and beyond, to account for sample attrition, multiply the a and b parameters by 1.06 for estimates which include data.

Use the "Other (Person) Items" parameters for tabulations of persons 15+ in the labor force, retirement tabulations, 0+ program participation, 0+ benefits, 0+ income, and 0+ labor force tabulations, in addition to any other types of person tabulations not specifically covered by another characteristic in this Table.

Table 5.   Factors to be Applied to Table 6 Base Parameters to Obtain Parameters for Various Reference Periods

# of available rotation months[1]	factor
Monthly estimate	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
1st Quarter 1996 to 4th Quarter 2000	1.000

Note 1: The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimate.

Table 6. Standard Errors of Estimated Numbers of Households, Families, or Unrelated Persons (Numbers in Thousands)

Size of Estimate	Standard Error*	Size of Estimate	Standard Error
200	34	25,000	329
300	42	30,000	348
500	54	40,000	372
750	66	50,000	380
1,000	76	60,000	372
2,000	106	70,000	347
3,000	130	75,000	328
5,000	166	80,000	303
7,500	200	90,000	225
10,000	228	95,000	162
15,000	271	99,500	37

* To account for sample attrition, multiply the standard error of the estimate by 1.06 for estimates which include data from Wave 4 and beyond.

Table 7.   Standard Errors of Estimated Numbers of Persons
(Numbers in Thousands)

Size of Estimate	Standard Error*	Size of Estimate	Standard Error
200	40	90,000	697
300	50	100,000	714
500	64	110,000	725
750	78	120,000	732
1,000	90	130,000	735
2,000	128	140,000	734
3,000	156	150,000	729
5,000	200	160,000	719
7,500	244	170,000	705
10,000	281	180,000	686
15,000	340	190,000	661
25,000	431	200,000	631
30,000	467	210,000	594
40,000	527	220,000	549
50,000	576	230,000	494
60,000	616	240,000	425
70,000	649	250,000	332
75,000	663	260,000	185
80,000	676	264,000	43

* To account for sample attrition, multiply the standard error of the estimate by 1.06 for estimates which include data from Wave 4 and beyond.

Table 8. Standard Errors of Estimated Percentages of Households, Families, or Unrelated Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages*					
	< =1 or> = 9	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.69	2.38	3.71	5.10	7.36	8.50
300	1.38	1.94	3.03	4.17	6.01	6.94
500	1.07	1.51	2.34	3.23	4.66	5.38
750	0.87	1.23	1.91	2.63	3.80	4.39
1,000	0.76	1.06	1.66	2.28	3.29	3.80
2,000	0.54	0.75	1.17	1.61	2.33	2.69
3,000	0.44	0.61	0.96	1.32	1.90	2.20
5,000	0.34	0.48	0.74	1.02	1.47	1.70
7,500	0.28	0.39	0.61	0.83	1.20	1.39
10,000	0.24	0.34	0.52	0.72	1.04	1.20
15,000	0.20	0.27	0.43	0.59	0.85	0.98
25,000	0.15	0.21	0.33	0.46	0.66	0.76
30,000	0.14	0.19	0.30	0.42	0.60	0.69
40,000	0.12	0.17	0.26	0.36	0.52	0.60
50,000	0.11	0.15	0.23	0.32	0.47	0.54
60,000	0.10	0.14	0.21	0.29	0.43	0.49
70,000	0.09	0.13	0.20	0.27	0.39	0.45
75,000	0.09	0.12	0.19	0.26	0.38	0.44
80,000	0.08	0.12	0.19	0.26	0.37	0.43
90,000	0.08	0.11	0.17	0.24	0.35	0.40
95,000	0.08	0.11	0.17	0.23	0.34	0.39
99,500	0.08	0.11	0.17	0.23	0.33	0.38

 * To account for sample attrition, multiply the standard error of the estimate by 1.06 for estimates which include data from Wave 4 and beyond.

Table 9. Standard Errors of Estimated Percentages of Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages*					
	< = 1 or> = 9	2 or 98	5 or 95	10 or 90	25 or 75	50
200	2.01	2.83	4.41	6.07	8.76	10.12
300	1.64	2.31	3.60	4.96	7.15	8.26
600	1.16	1.64	2.55	3.51	5.06	5.84
1,000	0.90	1.27	1.97	2.72	3.92	4.53
2,000	0.64	0.90	1.39	1.92	2.77	3.20
5,000	0.40	0.57	0.88	1.21	1.75	2.02
7,500	0.33	0.46	0.72	0.99	1.43	1.65
10,000	0.28	0.40	0.62	0.86	1.24	1.43
15,000	0.23	0.33	0.51	0.70	1.01	1.17
20,000	0.20	0.28	0.44	0.61	0.88	1.01
25,000	0.18	0.25	0.39	0.54	0.78	0.91
30,000	0.16	0.23	0.36	0.50	0.72	0.83
50,000	0.13	0.18	0.28	0.38	0.55	0.64
75,000	0.10	0.15	0.23	0.31	0.45	0.52
100,000	0.09	0.13	0.20	0.27	0.39	0.45
125,000	0.08	0.11	0.18	0.24	0.35	0.40
150,000	0.07	0.10	0.16	0.22	0.32	0.37
200,000	0.06	0.09	0.14	0.19	0.28	0.32
225,000	0.06	0.08	0.13	0.18	0.26	0.30
250,000	0.06	0.08	0.12	0.17	0.25	0.29
260,000	0.06	0.08	0.12	0.17	0.24	0.28
264,000	0.06	0.08	0.12	0.17	0.24	0.28

 * To account for sample attrition, multiply the standard error of the estimate by 1.06 for estimates which include data from Wave 4 and beyond.

Table 10. 1996 Wave 1 Topical Module Generalized Variance Parameters

	<u>a</u>	<u>b</u>
Employment History		
Both Sexes 18+	-0.00001632	3,476
Males 18+	-0.00003392	3,476
Females 18+	-0.00003152	3,476
Recipiency History		
Both Sexes 18+	-0.00001991	4,241
Males 18+	-0.00004139	4,241
Females 18+	-0.00003845	4,241

Use the "15+ Income and Labor Force" core parameter for tabulations of reasons for not working/reservation wage and work related income.

Table 11. Distribution of Monthly Cash Income Among Persons 25 to 34 Years Old

	Total	under $300	$300 to $599	$600 to $899	$900 to $1,199	$1,200 to $1,499	$1,500 to $1,999	$2,000 to $2,499	$2,500 to $2,999	$3,000 to $3,499	$3,500 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 and over
Thousands in interval	39,85	1371	165	225	2734	3452	6278	5799	4730	3723	2519	2619	1223	1493
Percent with at least as much as lower bound of interval	--	100.0	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

APPENDIX A-1

Income Source Code List

Code Income Sources

1 - Social Security
2 - U.S. Government Railroad Retirement pay
3 - Federal Supplemental Security Income (SSI)
5 - State unemployment compensation
6 - Supplemental Unemployment Benefits
7 - Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
8 - Veterans compensation or pensions
10 - Worker's compensation
12 - Employer or union temporary sickness policy
13 - Payments from a sickness, accident or disability insurance policy purchased on your own
20 - Aid to Families with Dependent Children (AFDC, ADC)
21 - General assistance or General relief
23 - Foster child care payments
24 - Other welfare
25 - WIC (Women, Infants and Children) Nutrition Program
27 - Food stamps
28 - Child support payments
29 - Alimony payments
30 - Pension from company or union
31 - Federal Civil Service or other Federal civilian employee pensions
32 - U.S. Military retirement pay
34 - State government pensions
35 - Local government pensions
36 - Income from paid-up life insurance policies or annuities
37 - Estates and trusts
38 - Other payments for retirement, disability or survivor
40 - G.I. Bill/VEAP education benefits
41 - Other VA educational assistance
50 - Income assistance from a charitable group
51 - Money from relatives or friends
52 - Lump sum payments
53 - Income from roomers or boarders
54 - National Guard or Reserve pay
55 - Incidental or casual earnings
56 - Other cash income not included elsewhere
75 - Categories combined and recoded for confidentiality reasons
         State Administered Supplemental Security Income (old code 4)
         Black lung payments (old code 9)
         State temporary sickness or disability benefits (old code 11)
         Indian, Cuban, or Refugee Assistance (old code 22)
         National Guard or Reserve Force retirement (old code 33)

Code Asset List

    100 - Regular/passbook savings accounts in a bank, savings and loan or credit union
    101 - Money market deposit accounts
    102 - Certificates of Deposit or other savings certificates
    103 - NOW, Super NOW or other interest earning checking accounts
    104 - Money market funds
    105 - U.S. Government securities
    106 - Municipal or corporate bonds
    107 - Other interest-earning assets
    110 - Stocks or mutual fund shares
    120 - Rental property
    130 - Mortgages
    140 - Royalties
    150 - Other financial investments

Code Special Indicators

    170 - Worked
    171 - Disabled
    172 - Medicare
    173 - Medicaid
    174 - U.S. Saving Bonds (E, EE)
    175 - College Work Study
    176 - PELL Grant
    177 - Supplemental Educational Opportunity Grant (SEOG)
    178 - National Direct Student Loan (NSL)
    179 - Guaranteed Student Loan
    180 - JTPA Training
    181 - Employer assistance
    182 - Fellowship/Scholarship
    183 - Other financial aid
    200 - VA disability rating of 100%
    201 - VA disibility of less than 100%

APPENDIX A-2

Income Sources Included in Monthly Cash Income

Earnings from Employment

Wages and salaries
Nonfarm self-employment income
Farm self-employment income

Income from Assets (Property Income)

Regular/passbook savings accounts in a bank, savings and loan or credit union
Money market deposit accounts
Certificates of Deposit or other savings certificates
NOW, Super NOW or other interest-earning checking accounts
Money market funds
U.S. Government securities
Municipal or corporate bonds
Other interest-earning assets
Stocks or mutual fund shares
Rental property
Mortgages
Royalties
Other financial investments

Other Income Sources

Social Security
U.S. Government Railroad Retirement pay
Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
State unemployment compensation
Supplemental Unemployment Benefits
Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
Veterans compensation or pensions
Black lung payments
Worker's compensation
State temporary sickness or disability benefits
Payments from a sickness, accident or disability insurance policy purchased on your own
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Foster child care payments
Other welfare
Child support payments
Alimony payments
Pension from company or union
Federal Civil Service or other Federal civilian employee pensions
U.S. Military retirement pay
National Guard or Reserve Forces retirement
State government pensions

Local government pensions
Income from paid-up life insurance policies or annuities
Estates and trusts
Other payments for retirement, disability or survivor benefits
G.I. Bill/VEAP education benefits
Income assistance from a charitable group
Money from relatives or friends
Lump sum payments
Income from roomers or boarders
National Guard or Reserve pay
Incidental or casual earnings
Other cash income not included elsewhere

APPENDIX A-3

Sources of Means-Tested Benefits Covered in SIPP

Cash Benefits

Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
Veterans' pensions
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Other welfare
Foster child care payments

Noncash Benefits

Food Stamps
Special Supplemental Food Program for Women, Infants, and Children (WIC)
Low-Income Home Energy Assistance
Medicaid
Free or reduced price school lunches
Free or reduced price school breakfasts
Public or subsidized rental housing

APPENDIX A-4

1990 Census of Population Occupation Classification System

The list presents the occupational classification developed for the 1990 Census of Population and Housing. There are 501 categories for the employed with 1 additional category for the experienced unemployed and 3 additional categories for the Armed Forces. These categories are grouped into 6 summary groups and 13 major groups. The classification is developed from the 1980 Standard Occupational Classification. ``n.e.c.'' is the abbreviation for not elsewhere classified.

1990
Census
code   Occupation category

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

Executive, Administrative, and Managerial Occupations

Code	Occupation category
003	Legislators (111)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	Postmasters and mail superintendents (1344)
017	Managers, food serving and lodging establishments (1351)
018	Managers, properties and real estate (1353)
019	Funeral directors (pt 1359)
021	Managers, service organizations, n.e.c. (127, 1352, 1354, pt 1359)
022	Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)

Management Related Occupations

Code	Occupation category
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, except construction (1473)
037	Management related occupations, n.e.c. (149)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS–Con.
Professional Specialty Occupations

Engineers, Architects, and Surveyors
043   Architects (161)

Engineers
044   Aerospace (1622)
045   Metallurgical and materials (1623)
046   Mining (1624)
047   Petroleum (1625)
048   Chemical (1626)
049   Nuclear (1627)
053   Civil (1628)
054   Agricultural (1632)
055   Electrical and electronic (1633, 1636)
056   Industrial (1634)
057   Mechanical (1635)
058   Marine and naval architects (1637)
059   Engineers, n.e.c. (1639)
063   Surveyors and mapping scientists (164)

Mathematical and Computer Scientists
064   Computer systems analysts and scientists (171)
065   Operations and systems researchers and analysts (172)
066   Actuaries (1732)
067   Statisticians (1733)
068   Mathematical scientists, n.e.c. (1739)

Natural Scientists
069   Physicists and astronomers (1842, 1843)
073   Chemists, except biochemists (1845)
074   Atmospheric and space scientists (1846)
075   Geologists and geodesists (1847)
076   Physical scientists, n.e.c. (1849)
077   Agricultural and food scientists (1853)
078   Biological and life scientists (1854)
079   Forestry and conservation scientists (1852)
083   Medical scientists (1855)

Health Diagnosing Occupations
084   Physicians (261)
085   Dentists (262)
086   Veterinarians (27)
087   Optometrists (281)
088   Podiatrists (283)
089   Health diagnosing practitioners, n.e.c. (289)

Health Assessment and Treating Occupations
095   Registered nurses (29)
096   Pharmacists (301)
097   Dietitians (302)

Therapists
098   Respiratory therapists (3031)
099   Occupational therapists (3032)
103   Physical therapists (3033)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS–Con.

Professional Specialty Occupations–Con.

104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)
	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS–Con.
Professional Specialty Occupations–Con.

Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)

Lawyers and Judges
178	Lawyers (211)
179	Judges (212)

Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189	Photographers (326)
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)

Technologists and Technicians, Except Health
Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)

Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)

Technicians; Except Health, Engineering, and Science
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS–Con.
Technicians and Related Support Occupations–Con.

228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)

Sales Occupations

243	Supervisors and proprietors, sales occupations (40)

Sales Representatives, Finance and Business Services

253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)

Sales Representatives, Commodities Except Retail

258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)

Sales Workers, Retail and Personal Services

263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)

Sales Related Occupations

283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)

Administrative Support Occupations, Including Clerical

Supervisors, Administrative Support Occupations

303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)

Computer Equipment Operators

308	Computer operators (4612)
309	Peripheral equipment operators (4613)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS–Con.
Administrative Support Occupations, Including Clerical–Con.

Secretaries, Stenographers, and Typists
313   Secretaries (4622)
314   Stenographers (4623)
315   Typists (4624)

Information Clerks
316   Interviewers (4642)
317   Hotel clerks (4643)
318   Transportation ticket and reservation agents (4644)
319   Receptionists (4645)
323   Information clerks, n.e.c. (4649)

Records Processing Occupations, Except Financial
325   Classified-ad clerks (4662)
326   Correspondence clerks (4663)
327   Order clerks (4664)
328   Personnel clerks, except payroll and timekeeping (4692)
329   Library clerks (4694)
335   File clerks (4696)
336   Records clerks (4699)

Financial Records Processing Occupations
337   Bookkeepers, accounting, and auditing clerks (4712)
338   Payroll and timekeeping clerks (4713)
339   Billing clerks (4715)
343   Cost and rate clerks (4716)
344   Billing, posting, and calculating machine operators (4718)

Duplicating, Mail and Other Office Machine Operators
345   Duplicating machine operators (4722)
346   Mail preparing and paper handling machine operators (4723)
347   Office machine operators, n.e.c. (4729)

Communications Equipment Operators
348   Telephone operators (4732)
353   Communications equipment operators, n.e.c. (4733, 4739)

Mail and Message Distributing Occupations
354   Postal clerks, exc. mail carriers (4742)
355   Mail carriers, postal service (4743)
356   Mail clerks, exc. postal service (4744)
357   Messengers (4745)

Material Recording, Scheduling, and Distributing Clerks
359   Dispatchers (4751)
363   Production coordinators (4752)
364   Traffic, shipping, and receiving clerks (4753)
365   Stock and inventory clerks (4754)
366   Meter readers (4755)
368   Weighers, measurers, checkers and samplers (4756, 4757)
373   Expediters (4758)
374   Material recording, scheduling, and distributing clerks, n.e.c. (4759)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS–Con.
Administrative Support Occupations, Including Clerical–Con.

Adjusters and Investigators
375   Insurance adjusters, examiners, and investigators (4782)
376   Investigators and adjusters, except insurance (4783)
377   Eligibility clerks, social welfare (4784)
378   Bill and account collectors (4786)

Miscellaneous Administrative Support Occupations
379   General office clerks (463)
383   Bank tellers (4791)
384   Proofreaders (4792)
385   Data-entry keyers (4793)
386   Statistical clerks (4794)
387   Teachers' aides (4795)
389   Administrative support occupations, n.e.c. (4787, 4799)

SERVICE OCCUPATIONS

Private Household Occupations

403   Launderers and ironers (503)
404   Cooks, private household (504)
405   Housekeepers and butlers (505)
406   Child care workers, private household (506)
407   Private household cleaners and servants (502, 507, 509)

Protective Service Occupations

Supervisors, Protective Service Occupations
413   Supervisors, firefighting and fire prevention occupations (5111)
414   Supervisors, police and detectives (5112)
415   Supervisors, guards (5113)

Firefighting and Fire Prevention Occupations
416   Fire inspection and fire prevention occupations (5122)
417   Firefighting occupations (5123)

Police and Detectives
418   Police and detectives, public service (5132)
423   Sheriffs, bailiffs, and other law enforcement officers (5134)
424   Correctional institution officers (5133)

Guards
425   Crossing guards (5142)
426   Guards and police, exc. public service (5144)
427   Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

Food Preparation and Service Occupations
433   Supervisors, food preparation and service occupations (5211)
434   Bartenders (5212)
435   Waiters and waitresses (5213)
436   Cooks (5214, 5215)
438   Food counter, fountain and related occupations (5216)
439   Kitchen workers, food preparation (5217)

SERVICE OCCUPATIONS–Con.
Service Occupations, Except Protective and Household–Con.

443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)

Health Service Occupations
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)

Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)

Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
461	Guides (5255)
462	Ushers (5256)
463	Public transportation attendants (5257)
464	Baggage porters and bellhops (5262)
465	Welfare service aides (5263)
466	Family child care providers (pt 5264)
467	Early childhood teacher's assistants (pt 5264)
468	Child care workers, n.e.c. (pt 5264)
469	Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers
473	Farmers, except horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)
476	Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations
Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
479	Farm workers (5612-5617)
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)

Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)

FARMING, FORESTRY, AND FISHING OCCUPATIONS–Con.
Forestry and Logging Occupations
494   Supervisors, forestry, and logging workers (571)
495   Forestry workers, except logging (572)
496   Timber cutting and logging occupations (573, 579)

Fishers, Hunters, and Trappers
497   Captains and other officers, fishing vessels (pt 8241)
498   Fishers (583)
499   Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
Mechanics and Repairers
503   Supervisors, mechanics and repairers (60)

Mechanics and Repairers, Except Supervisors
Vehicle and Mobile Equipment Mechanics and Repairers
505   Automobile mechanics (pt 6111)
506   Automobile mechanic apprentices (pt 6111)
507   Bus, truck, and stationary engine mechanics (6112)
508   Aircraft engine mechanics (6113)
509   Small engine repairers (6114)
514   Automobile body and related repairers (6115)
515   Aircraft mechanics, exc. engine (6116)
516   Heavy equipment mechanics (6117)
517   Farm equipment mechanics (6118)
518   Industrial machinery repairers (613)
519   Machinery maintenance occupations (614)

Electrical and Electronic Equipment Repairers
523   Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
525   Data processing equipment repairers (6154)
526   Household appliance and power tool repairers (6156)
527   Telephone line installers and repairers (6157)
529   Telephone installers and repairers (6158)
533   Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534   Heating, air conditioning, and refrigeration mechanics (616)

Miscellaneous Mechanics and Repairers
535   Camera, watch, and musical instrument repairers (6171, 6172)
536   Locksmiths and safe repairers (6173)
538   Office machine repairers (6174)
539   Mechanical controls and valve repairers (6175)
543   Elevator installers and repairers (6176)
544   Millwrights (6178)
547   Specified mechanics and repairers, n.e.c. (6177, 6179)
549   Not specified mechanics and repairers

Construction Trades
Supervisors, Construction Occupations
553   Supervisors; brickmasons, stonemasons, and tile setters (6312)
554   Supervisors, carpenters and related workers (6313)
555   Supervisors, electricians and power transmission installers (6314)
556   Supervisors; painters, paperhangers, and plasterers (6315)

PRECISION PRODUCTION, CRAFT, AND
REPAIR OCCUPATIONS–Con.

557	Supervisors; plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, construction n.e.c. (6311, 6318)

Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (pt 6414, pt 6462)
566	Carpet installers (pt 6462)
567	Carpenters (pt 6422)
569	Carpenter apprentices (pt 6422)
573	Drywall installers (6424)
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
579	Painters, construction and maintenance (6442)
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)

Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)

Precision Production Occupations
628	Supervisors, production occupations (67, 71)

Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
639	Machinist apprentices (pt 6813)
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
649	Engravers, metal (6823)
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)

**PRECISION PRODUCTION, CRAFT, AND
REPAIR OCCUPATIONS**–Con.

655   Miscellaneous precision metal workers (6829)

Precision Woodworking Occupations

656   Patternmakers and model makers, wood (6831)
657   Cabinet makers and bench carpenters (6832)
658   Furniture and wood finishers (6835)
659   Miscellaneous precision woodworkers (6839)

Precision Textile, Apparel, and Furnishings Machine Workers

666   Dressmakers (pt 6852, pt 7752)
667   Tailors (pt 6852)
668   Upholsterers (6853)
669   Shoe repairers (6854)
674   Miscellaneous precision apparel and fabric workers (6856, 6859, pt 7752)

Precision Workers, Assorted Materials

675   Hand molders and shapers, except jewelers (6861)
676   Patternmakers, lay-out workers, and cutters (6862)
677   Optical goods workers (6864, pt 7477, pt 7677)
678   Dental laboratory and medical appliance technicians (6865)
679   Bookbinders (6844)
683   Electrical and electronic equipment assemblers (6867)
684   Miscellaneous precision workers, n.e.c. (6869)

Precision Food Production Occupations

686   Butchers and meat cutters (6871)
687   Bakers (6872)
688   Food batchmakers (6873, 6879)

Precision Inspectors, Testers, and Related Workers

689   Inspectors, testers, and graders (6881, 828)
693   Adjusters and calibrators (6882)

Plant and System Operators

694   Water and sewage treatment plant operators (691)
695   Power plant operators (pt 693)
696   Stationary engineers (pt 693, 7668)
699   Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, Except Precision
     Metalworking and Plastic Working Machine Operators

703   Lathe and turning machine set-up operators (7312)
704   Lathe and turning machine operators (7512)
705   Milling and planing machine operators (7313, 7513)
706   Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707   Rolling machine operators (7316, 7516)
708   Drilling and boring machine operators (7318, 7518)
709   Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
713   Forging machine operators (7319, 7519)

OPERATORS, FABRICATORS, AND LABORERS–Con.
Machine Operators, Assemblers, and Inspectors–Con.

714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
717	Fabricating machine operators, n.e.c. (7339, 7539)

Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)

Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing and tacking machine operators (7636)
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

Printing Machine Operators
734	Printing press operators (7443, 7643)
735	Photoengravers and lithographers (6842, 7444, 7644)
736	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)

Textile, Apparel, and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)

Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7462, 7662)
755	Extruding and forming machine operators 7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758	Compressing and compacting machine operators (7467, 7667)
759	Painting and paint spraying machine operators (7669)
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, exc. food (7675)
768	Crushing and grinding machine operators (pt 7477, pt 7677)
769	Slicing and cutting machine operators (7478, 7678)
773	Motion picture projectionists (pt 7479)
774	Photographic process machine operators (6863, 6868, 7671)
777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
779	Machine operators, not specified

OPERATORS, FABRICATORS, AND LABORERS–Con.
Machine Operators, Assemblers, and Inspectors–Con.

Fabricators, Assemblers, and Hand Working Occupations
783   Welders and cutters (7332, 7532, 7714)
784   Solderers and brazers (7333, 7533, 7717)
785   Assemblers (772, 774)
786   Hand cutting and trimming occupations (7753)
787   Hand molding, casting, and forming occupations (7754, 7755)
789   Hand painting, coating, and decorating occupations (7756)
793   Hand engraving and printing occupations (7757)
795   Miscellaneous hand working occupations (7758, 7759)

Production Inspectors, Testers, Samplers, and Weighers
796   Production inspectors, checkers, and examiners (782, 787)
797   Production testers (783)
798   Production samplers and weighers (784)
799   Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations

Motor Vehicle Operators
803   Supervisors, motor vehicle operators (8111)
804   Truck drivers (8212-8214)
806   Driver-sales workers (8218)
808   Bus drivers (8215)
809   Taxicab drivers and chauffeurs (8216)
813   Parking lot attendants (874)
814   Motor transportation occupations, n.e.c. (8219)

Transportation Occupations, Except Motor Vehicles
        Rail Transportation Occupations
823   Railroad conductors and yardmasters (8113)
824   Locomotive operating occupations (8232)
825   Railroad brake, signal, and switch operators (8233)
826   Rail vehicle operators, n.e.c. (8239)

        Water Transportation Occupations
828   Ship captains and mates, except fishing boats (pt 8241, 8242)
829   Sailors and deckhands (8243)
833   Marine engineers (8244)
834   Bridge, lock, and lighthouse tenders (8245)

Material Moving Equipment Operators
843   Supervisors, material moving equipment operators (812)
844   Operating engineers (8312)
845   Longshore equipment operators (8313)
848   Hoist and winch operators (8314)
849   Crane and tower operators (8315)
853   Excavating and loading machine operators (8316)
855   Grader, dozer, and scraper operators (8317)
856   Industrial truck and tractor equipment operators (8318)
859   Miscellaneous material moving equipment operators (8319)

OPERATORS, FABRICATORS, AND LABORERS–Con.
Handlers, Equipment Cleaners, Helpers, and Laborers

864　　Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865　　Helpers, mechanics and repairers (863)

　　　Helpers, Construction and Extractive Occupations
866　　　　Helpers, construction trades (8641-8645, 8648)
867　　　　Helpers, surveyor (8646)
868　　　　Helpers, extractive occupations (865)
869　　　　Construction laborers (871)
874　　　　Production helpers (861, 862)

　　　Freight, Stock, and Material Handlers
875　　　　Garbage collectors (8722)
876　　　　Stevedores (8723)
877　　　　Stock handlers and baggers (8724)
878　　　　Machine feeders and offbearers (8725)
883　　　　Freight, stock, and material handlers, n.e.c. (8726)
885　　Garage and service station related occupations (873)
887　　Vehicle washers and equipment cleaners (875)
888　　Hand packers and packagers (8761)
889　　Laborers, except construction (8769)

MILITARY OCCUPATIONS

903　　Commissioned Officers and Warrant Officers
904　　Non-commissioned Officers and Other Enlisted Personnel
905　　Military occupation, rank not specified

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION

909　　Last worked 1984 or earlier

APPENDIX A-5

1990 Census of Population Industry Classification System

The list presents the industrial classification developed for the 1990 Census of Population and Housing. There are 235 categories for the employed, with 1 additional category for the experienced unemployed, and 7 additional categories for the Armed Forces. These categories are aggregated into 13 major groups. The classification is developed from the 1987 Standard Industrial Classification. "n.e.c." is the abbreviation for not elsewhere classified.

1990
Census
code   Industry category

AGRICULTURE, FORESTRY, AND FISHERIES
010   Agricultural production, crops (01)
011   Agricultural production, livestock (02)
012   Veterinary services (074)
020   Landscape and horticultural services (078)
030   Agricultural services, n.e.c. (071, 072, 075, 076)
031   Forestry (08)
032   Fishing, hunting, and trapping (09)

MINING
040   Metal mining (10)
041   Coal mining (12)
042   Oil and gas extraction (13)
050   Nonmetallic mining and quarrying, except fuels (14)

060   CONSTRUCTION (15, 16, 17)

MANUFACTURING

Nondurable Goods

Food and kindred products
100   Meat products (201)
101   Dairy products (202)
102   Canned, frozen, and preserved fruits and vegetables (203)
110   Grain mill products (204)
111   Bakery products (205)
112   Sugar and confectionery products (206)
120   Beverage industries (208)
121   Miscellaneous food preparations and kindred products (207, 209)
122   Not specified food industries
130   Tobacco manufactures (21)

Textile mill products
132   Knitting mills (225)
140   Dyeing and finishing textiles, except wool and knit goods (226)
141   Carpets and rugs (227)
142   Yarn, thread, and fabric mills (221-224, 228)
150   Miscellaneous textile mill products (229)

MANUFACTURING-Con.
Nondurable Goods–**Con.**

Apparel and other finished textile products
151   Apparel and accessories, except knit (231-238)
152   Miscellaneous fabricated textile products (239)

Paper and allied products
160   Pulp, paper, and paperboard mills (261-263)
161   Miscellaneous paper and pulp products (267)
162   Paperboard containers and boxes (265)

Printing, publishing, and allied industries
171   Newspaper publishing and printing (271)
172   Printing, publishing, and allied industries, except newspapers (272-279)

Chemicals and allied products
180   Plastics, synthetics, and resins (282)
181   Drugs (283)
182   Soaps and cosmetics (284)
190   Paints, varnishes, and related products (285)
191   Agricultural chemicals (287)
192   Industrial and miscellaneous chemicals (281, 286, 289)

Petroleum and coal products
200   Petroleum refining (291)
201   Miscellaneous petroleum and coal products (295, 299)

Rubber and miscellaneous plastics products
210   Tires and inner tubes (301)
211   Other rubber products, and plastics footwear and belting (302-306)
212   Miscellaneous plastics products (308)

Leather and leather products
220   Leather tanning and finishing (311)
221   Footwear, except rubber and plastic (313, 314)
222   Leather products, except footwear (315-317, 319)

Durable Goods

Lumber and wood products, except furniture
230   Logging (241)
231   Sawmills, planing mills, and millwork (242, 243)
232   Wood buildings and mobile homes (245)
241   Miscellaneous wood products (244, 249)
242 Furniture and fixtures (25)

Stone, clay, glass, and concrete products
250   Glass and glass products (321-323)
251   Cement, concrete, gypsum, and plaster products (324, 327)
252   Structural clay products (325)
261   Pottery and related products (326)
262   Miscellaneous nonmetallic mineral and stone products (328, 329)

MANUFACTURING–Con.
Durable Goods–Con.

Metal industries

270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3363,3365)
280	Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
281	Cutlery, handtools, and general hardware (342)
282	Fabricated structural metal products (344)
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries

Machinery and computing equipment

310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
320	Metalworking machinery (354)
321	Office and accounting machines (3578, 3579)
322	Computers and related equipment (3571- 3577)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery

Electrical machinery, equipment, and supplies

340	Household appliances (363)
341	Radio, TV, and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
350	Not specified electrical machinery, equipment, and supplies

Transportation equipment

351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
370	Cycles and miscellaneous transportation equipment (375, 379)

Professional and photographic equipment, and watches

371	Scientific and controlling instruments (381, 382 exc. 3827)
372	Medical, dental, and optical instruments and supplies (3827, 384, 385)
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 exc. 394)
392	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation

400	Railroads (40)
401	Bus service and urban transit (41, except 412)
402	Taxicab service (412)
410	Trucking service (421, 423)
411	Warehousing and storage (422)

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES–Con.

412	U.S. Postal Service (43)
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
432	Services incidental to transportation (47)

Communications

440	Radio and television broadcasting and cable (483, 484)
441	Telephone communications (481)
442	Telegraph and miscellaneous communications services (482, 489)

Utilities and sanitary services

450	Electric light and power (491)
451	Gas and steam supply systems (492, 496)
452	Electric and gas, and other combinations (493)
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities

WHOLESALE TRADE

Durable Goods

500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
510	Professional and commercial equipment and supplies (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
521	Hardware, plumbing and heating supplies (507)
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (509 exc. 5093)

Nondurable Goods

540	Paper and paper products (511)
541	Drugs, chemicals and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
550	Groceries and related products (514)
551	Farm-product raw materials (515)
552	Petroleum products (517)
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5192-5199)
571	Not specified wholesale trade

RETAIL TRADE

580	Lumber and building material retailing (521, 523)
581	Hardware stores (525)
582	Retail nurseries and garden stores (526)
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)

RETAIL TRADE–Con.

602	Dairy products stores (545)
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623	Apparel and accessory stores, except shoe (56, except 566)
630	Shoe stores (566)
631	Furniture and home furnishings stores (571)
632	Household appliance stores (572)
633	Radio, TV, and computer stores (5731, 5734)
640	Music stores (5735, 5736)
641	Eating and drinking places (58)
642	Drug stores (591)
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationery stores (5942, 5943)
660	Jewelry stores (5944)
661	Gift, novelty, and souvenir shops (5947)
662	Sewing, needlework and piece goods stores (5949)
663	Catalog and mail order houses (5961)
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel dealers (598)
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5948, 5993- 5995, 5999)
691	Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

700	Banking (60 exc. 603 and 606)
701	Savings institutions, including credit unions (603, 606)
702	Credit agencies, n.e.c. (61)
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance offices (65)

BUSINESS AND REPAIR SERVICES

721	Advertising (731)
722	Services to dwellings and other buildings (734)
731	Personnel supply services (736)
732	Computer and data processing services (737)
740	Detective and protective services (7381, 7382)
741	Business services, n.e.c. (732, 733, 735, 7383-7389)
742	Automotive rental and leasing, without drivers (751)
750	Automobile parking and carwashes (752, 7542)
751	Automotive repair and related services (753, 7549)
752	Electrical repair shops (762, 7694)
760	Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

761	Private households (88)
762	Hotels and motels (701)
770	Lodging places, except hotels and motels (702, 703, 704)
771	Laundry, cleaning, and garment services (721 exc. part 7219)
772	Beauty shops (723)
780	Barber shops (724)
781	Funeral service and crematories (726)
782	Shoe repair shops (725)
790	Dressmaking shops (part 7219)
791	Miscellaneous personal services (722, 729)

ENTERTAINMENT AND RECREATION SERVICES

800	Theaters and motion pictures (781-783, 792)
801	Video tape rental (784)
802	Bowling centers (793)
810	Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

812	Offices and clinics of physicians (801, 803)
820	Offices and clinics of dentists (802)
821	Offices and clinics of chiropractors (8041)
822	Offices and clinics of optometrists (8042)
830	Offices and clinics of health practitioners, n.e.c. (8043, 8049)
831	Hospitals (806)
832	Nursing and personal care facilities (805)
840	Health services, n.e.c. (807, 808, 809)
841	Legal services (81)
842	Elementary and secondary schools (821)
850	Colleges and universities (822)
851	Vocational schools (824)
852	Libraries (823)
860	Educational services, n.e.c. (829)
861	Job training and vocational rehabilitation services (833)
862	Child day care services (part 835)
863	Family child care homes (part 835)
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872	Museums, art galleries, and zoos (84)
873	Labor unions (863)
880	Religious organizations (866)
881	Membership organizations, n.e.c. (861, 862, 864, 865, 869)
882	Engineering, architectural, and surveying services (871)
890	Accounting, auditing, and bookkeeping services (872)
891	Research, development, and testing services (873)
892	Management and public relations services (874)
893	Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
910	Justice, public order, and safety (92)
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)

PUBLIC ADMINISTRATION-Con.

930   Administration of environmental quality and housing programs (95)
931   Administration of economic programs (96)
932   National security and international affairs (97)

ACTIVE DUTY MILITARY

Armed Forces
940   Army
941   Air Force
942   Navy
950   Marines
951   Coast Guard
952   Armed Forces, Branch not specified
960   Military Reserves or National Guard

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY

992   Last worked 1984 or earlier

APPENDIX A-6

FIPS STATE CODES

01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
47	Tennessee
48	Texas
49	Utah
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin
61	Maine, Vermont
62	North Dakota, South Dakota, Wyoming

APPENDIX A-7

MSA CODES

0000	Not in MSA/CMSA/PMSA or not identifiable
0007	Boston-Worcester-Lawrence, MA-NH
0014	Chicago-Gary-Kenosha (excl.PMSA 3740), IL
0021	Cincinnati-Hamilton, OH
0028	Cleveland-Akron, OH
0031	Dallas-Fort Worth, TX
0035	Detroit-Ann Arbor-Flint, MI
0042	Houston-Galveston-Brazoria, TX
0049	Los Angeles-Riverside-Orange County, CA
0056	Miami-Fort Laudersale, FL
0070	NY-NJ-LI, NJ
0077	Philadelphia-Wilmington-Atlantic City, NJ
0082	Sacramento-Yolo, CA
0084	San Francisco-Oakland-San Jose, CA
0091	Seattle-Tacoma-Bremerton, WA
0097	Washington-Baltimore, DC
0160	Albany-Schenectady-Troy, NY
0200	Albequerque, NM
0240	Allentown-Bethlehem-Easton, PA
0520	Atlanta, GA
0640	Austin-San Marcos, TX
0680	Bakersfield, CA
0760	Baton Rouge, LA
0840	Beaumont-Port Arthur, TX
1000	Birmingham, AL
1280	Buffalo-Niagara Falls, NY
1440	Charleston-North Charleston, SC
1480	Charleston, WV
1520	Charlotte-Gastonia-Rock Hill, NC
1720	Colorado Springs, CO
1840	Columbus, OH
1880	Corpus Christi, TX
2000	Dayton-Springfield, OH
2020	Daytona Beach, FL
2080	Denver, CO
2120	Des Moines, IA
2320	El Paso, TX
2400	Eugene-Springfield, OR
2560	Fayetville, NC
2700	Fort Myers-Cape Coral, FL
2710	Fort Pierce-Port St. Lucie, FL
2760	Fort Wayne, IN
2840	Fresno, CA
3000	Grand Rapids-Muskegon-Holland, MI
3120	Greensboro--Winston-Salem--High Point, NC
3160	Greensville-Spartansburg-Anderson, SC
3240	Harrisburg-Lebanon-Carlisle, PA
3320	Honolulu, HI
3480	Indianapolis, IN

3600	Jacksonville, FL
3660	Johnson City-Kingsport-Bristol, TN
3760	Kansas City, KS
3810	Killeen-Temple, TX
3840	Knoxville, TN
3980	Lakeland-Winter Haven, FL
4000	Lancaster, PA
4040	Lansing-East Lansing, MI
4120	Las Vegas, AZ
4280	Lexington, KY
4520	Louisville, KY
4720	Madison, WI
4880	McAllen-Edinburg-Mission, TX
4900	Melbourne-Titusville-Palm Bay, FL
4920	Memphis, MS
5080	Milwaukee-Waukesha, WI
5120	Minneapolis-St. Paul, WI
5160	Mobile, AL
5170	Modesto, CA
5240	Montgomery, AL
5360	Nashville, TN
5560	New Orleans, LA
5720	Norfolk-Virginia Beach-Newport News, VA
5880	Oklahoma City, OK
5960	Orlando, FL
6080	Pensacola, FL
6200	Phoenix-Mesa, AZ
6280	Pittsburgh, PA
6440	Portland-Vancouver, OR
6520	Provo-Orem, UT
6640	Raleigh-Durham-Chapel Hill, NC
6680	Reading, PA
6760	Richmond-Petersburg, VA
6840	Rochester, NY
6880	Rockford, IL
7040	St. Louis, IL
7160	Salt Lake City-Ogden, UT
7240	San Antonio, TX
7320	San Diego, CA
7480	Santa Barbara-Santa Maria-Lompoc, CA
7510	Sarasota-Bradenton, FL
7560	Scranton--Wilkes-Barre--Hazelton, PA
8000	Springfield, MA
8120	Stockton-Lodi, CA
8160	Syracuse, NY
8280	Tampa-St. Petersburg-Clearwater, FL
8400	Toledo, OH
8560	Tulsa, OK
8680	Utica-Rome, NY
8960	West Palm Beach-Boca Raton, FL

APPENDIX A-8

ANCESTRY CODES

1   Canadian
2   Dutch
3   English
4   French
5   French-Canadian
6   German
7   Hungarian
8   Irish
9   Italian
10   Polish
11   Russian
12   Scandinavian
13   Scotch-Irish
14   Scottish
15   Slovak
16   Welsh
17   Other European
20   Mexican
21   Mexican-American
22   Chicano
23   Puerto Rican
24   Cuban
25   Central American
26   South American
27   Dominican Republic
28   Other Hispanic
30   African-American or Afro-American
31   American Indian, Eskimo, or Aleut
32   Arab
33   Asian
34   Pacific Islander
35   West Indian
39   Another group not listed
40   American

WAVE 1 - RECIPIENCY HISTORY TOPICAL MODULE

(Part 1)

-YBEG20-
 What set of circumstances led [fill TEMPNAME+] to apply for
       [fill INCTYP1]
       [fill INCTYP2]
       in [fill MONTH5++]? Anything else?

       [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

       (1) Needed the money
       (2) Pregnancy/birth of child
       (3) Began receiving for another dependent (e.g. grandchild)
       (4) Separated or divorced from spouse/partner
       (5) Loss of job/wages/other income (own or partner's)
       (6) Loss of other support income
       (7) Just learned about the program
       (8) Just got around to applying
       (9) Became disabled
       (10) Other, specify

       @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBYB20-
       [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
       ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSPB20-
       What reason was that?

       @1
       @2

-YSTOP21-
 What set of circumstances caused [fill TEMPNAME+]
        to stop receiving
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH4++]?

            (1) Became ineligible because of increased income
            (2) Became ineligible because of family changes
                (Family member left, over age limit, etc.)
            (3) Still eligible but could not/chose not to collect
            (4) Other, specify

                @

-OTHSPS21-
  What reason was that?

            @1
            @2

-YBEG21-
 What set of circumstances led [fill TEMPNAME+] to apply for
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH4++]? Anything else?

        [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

            @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBYB21-
[bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSPB21-
What reason was that?

@1
@2

-YSTOP22-
What set of circumstances caused [fill TEMPNAME+]
to stop receiving
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH3++]?

(1) Became ineligible because of increased income
(2) Became ineligible because of family changes
(Family member left, over age limit, etc.)
(3) Still eligible but could not/chose not to collect
(4) Other, specify

@

-OTHSPS22-
What reason was that?

@1
@2

-YBEG22-
 What set of circumstances led [fill TEMPNAME+] to apply for
    [fill INCTYP1]
    [fill INCTYP2]
    in [fill MONTH3++]? Anything else?

    [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

      (1) Needed the money
      (2) Pregnancy/birth of child
      (3) Began receiving for another dependent (e.g. grandchild)
      (4) Separated or divorced from spouse/partner
      (5) Loss of job/wages/other income (own or partner's)
      (6) Loss of other support income
      (7) Just learned about the program
      (8) Just got around to applying
      (9) Became disabled
      (10) Other, specify

      @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBYB22-
    [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
    ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSPB22-
    What reason was that?

    @1
    @2

-YSTOP23-
 What set of circumstances caused [fill TEMPNAME+]
        to stop receiving
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH2++]?

            (1) Became ineligible because of increased income
            (2) Became ineligible because of family changes
                (Family member left, over age limit, etc.)
            (3) Still eligible but could not/chose not to collect
            (4) Other, specify

                @

-OTHSPS23-
  What reason was that?
            @1
            @2

-YBEG23-
 What set of circumstances led [fill TEMPNAME+] to apply for
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH2++]? Anything else?

        [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

             @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBYB23-

[bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSPB23-

What reason was that?

@1
@2

-BEG120-
-BEG120-

When did [fill TEMPNAME+] apply for the
[fill INCTYP1]
[fill INCTYP2] that
[fill TEMPNAME+] [fill TEMP2++]?
    MONTH: @MON
     YEAR: @YEAR

-YBEG220-

What set of circumstances led [fill TEMPNAME+] to apply for
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH1++]? Anything else?

[bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
    (1) Needed the money
    (2) Pregnancy/birth of child
    (3) Began receiving for another dependent (e.g. grandchild)
    (4) Separated or divorced from spouse/partner
    (5) Loss of job/wages/other income (own or partner's)
    (6) Loss of other support income
    (7) Just learned about the program
    (8) Just got around to applying
    (9) Became disabled
    (10) Other, specify

@1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBYB220-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSP220-
     What reason was that?

     @1
     @2

-WYBEG20-
 What set of circumstances led [fill TEMPNAME+] to apply for
     [fill INCTYP1]
     [fill INCTYP2]
     in [fill MONTH5++]? Anything else?
     [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
     NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
     ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
        (1) Needed the money
        (2) Pregnancy/birth of child
        (3) Began receiving for another dependent (e.g. grandchild)
        (4) Separated or divorced from spouse/partner
        (5) Loss of job/wages/other income (own or partner's)
        (6) Loss of other support income
        (7) Just learned about the program
        (8) Just got around to applying
        (9) Became disabled
        (10) Other, specify

     @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBWB20-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSWB20-
    What reason was that?

    @1
    @2

-WYSTOP21-
 What set of circumstances caused [fill TEMPNAME+]
        to stop receiving
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH4++]?

            (1) Became ineligible because of increased income
            (2) Became ineligible because of family changes
                (Family member left, over age limit, etc.)
            (3) Still eligible but could not/chose not to collect
            (4) Other, specify

            @

-WOTHSPS21-
  What reason was that?
            @1
            @2

-WYBEG21-
 What set of circumstances led [fill TEMPNAME+] to apply for
      [fill INCTYP1]
      [fill INCTYP2]
      in [fill MONTH4++]? Anything else?

      [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

             @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBWB21-
      [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
      ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSWB21-
      What reason was that?

      @1
      @2

-WYSTOP22-
 What set of circumstances caused [fill TEMPNAME+]
        to stop receiving
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH3++]?

            (1) Became ineligible because of increased income
            (2) Became ineligible because of family changes
                (Family member left, over age limit, etc.)
            (3) Still eligible but could not/chose not to collect
            (4) Other, specify

                @

-WOTHSPS22-
        What reason was that?

        @1
        @2

-WYBEG22-
 What set of circumstances led [fill TEMPNAME+] to apply for
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH3++]? Anything else?

        [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

             @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBWB22-
[bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSWB22-
What reason was that?

@1
@2

-WYSTOP23-
What set of circumstances caused [fill TEMPNAME+]
to stop receiving
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH2++]?

(1) Became ineligible because of increased income
(2) Became ineligible because of family changes
(Family member left, over age limit, etc.)
(3) Still eligible but could not/chose not to collect
(4) Other, specify

@

-WOTHSPS23-
What reason was that?

@1
@2

-WYBEG23-
 What set of circumstances led [fill TEMPNAME+] to apply for
    [fill INCTYP1]
    [fill INCTYP2]
    in [fill MONTH2++]? Anything else?

    [bold]MARK ALL THAT APPLY. ENTER (N) AFTER LAST RESPONSE.[n]

     (1) Needed the money
     (2) Pregnancy/birth of child
     (3) Began receiving for another dependent (e.g. grandchild)
     (4) Separated or divorced from spouse/partner
     (5) Loss of job/wages/other income (own or partner's)
     (6) Loss of other support income
     (7) Just learned about the program
     (8) Just got around to applying
     (9) Became disabled
     (10) Other, specify

    @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBWB23-
    [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
    ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSWB23-
    What reason was that?

    @1
    @2

-WBEG120-
-WBEG120-
    When did [fill TEMPNAME+] apply for the
    [fill INCTYP1]
    [fill INCTYP2] that
    [fill TEMPNAME+] [fill TEMP2++]?

      MONTH: @MON
       YEAR: @YEAR

-WYBEG220-
 What set of circumstances led [fill TEMPNAME+] to apply for
     [fill INCTYP1]
     [fill INCTYP2]
     in [fill MONTH1++]? Anything else?
     [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
     NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
     ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
        (1) Needed the money
        (2) Pregnancy/birth of child
        (3) Began receiving for another dependent (e.g. grandchild)
        (4) Separated or divorced from spouse/partner
        (5) Loss of job/wages/other income (own or partner's)
        (6) Loss of other support income
        (7) Just learned about the program
        (8) Just got around to applying
        (9) Became disabled
        (10) Other, specify

        @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRWYB220-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTSPW220-
     What reason was that?

     @1
     @2

-FYBEG20-

What set of circumstances led [fill TEMPNAME+] to apply for
     [fill INCTYP1]
     [fill INCTYP2]
     in [fill MONTH5++]? Anything else?
     [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
     NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
     ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
         (1) Needed the money
         (2) Pregnancy/birth of child
         (3) Began receiving for another dependent (e.g. grandchild)
         (4) Separated or divorced from spouse/partner
         (5) Loss of job/wages/other income (own or partner's)
         (6) Loss of other support income
         (7) Just learned about the program
         (8) Just got around to applying
         (9) Became disabled
         (10) Other, specify

         @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBFB20-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSFB20-
     What reason was that?

     @1
     @2

-FYSTOP21-

What set of circumstances caused [fill TEMPNAME+]
to stop receiving
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH4++]?

(1) Became ineligible because of increased income
(2) Became ineligible because of family changes
    (family member left, over age limit, etc.)
(3) Still eligible but could not/chose not to collect
(4) Other, specify

@

-OTHSFS21-

What reason was that?

@1
@2

-FYBEG21-

What set of circumstances led [fill TEMPNAME+] to apply for
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH4++]? Anything else?
[bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
(1) Needed the money
(2) Pregnancy/birth of child
(3) Began receiving for another dependent (e.g. grandchild)
(4) Separated or divorced from spouse/partner
(5) Loss of job/wages/other income (own or partner's)
(6) Loss of other support income
(7) Just learned about the program
(8) Just got around to applying
(9) Became disabled
(10) Other, specify

@1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBFB21-

    [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
    ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSFB21-

    What reason was that?

    @1
    @2

-FYSTOP22-

    What set of circumstances caused [fill TEMPNAME+]
    to stop receiving
    [fill INCTYP1]
    [fill INCTYP2]
    in [fill MONTH3++]?

        (1) Became ineligible because of increased income
        (2) Became ineligible because of family changes
            (family member left, over age limit, etc.)
        (3) Still eligible but could not/chose not to collect
        (4) Other, specify

        @

-OTHSFS22-

    What reason was that?

    @1
    @2

```
-------------------------------------------------------------------------------
```
-FYBEG22-

 What set of circumstances led [fill TEMPNAME+] to apply for

     [fill INCTYP1]
     [fill INCTYP2]
     in [fill MONTH3++]? Anything else?
     [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
     NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
     ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

         (1) Needed the money
         (2) Pregnancy/birth of child
         (3) Began receiving for another dependent (e.g. grandchild)
         (4) Separated or divorced from spouse/partner
         (5) Loss of job/wages/other income (own or partner's)
         (6) Loss of other support income
         (7) Just learned about the program
         (8) Just got around to applying
         (9) Became disabled
         (10) Other, specify

         @1 @2 @3 @4 @5 @6 @7 @8 @9 @10
```
-------------------------------------------------------------------------------
```
-PRBFB22-

     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @
```
-------------------------------------------------------------------------------
```
-OTHSFB22-

     What reason was that?

     @1
     @2

-FYSTOP23-

What set of circumstances caused [fill TEMPNAME+]
to stop receiving
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH2++]?

    (1) Became ineligible because of increased income
    (2) Became ineligible because of family changes
        (family member left, over age limit, etc.)
    (3) Still eligible but could not/chose not to collect
    (4) Other, specify

    @

-OTHSFS23-

What reason was that?

@1
@2

-FYBEG23-

What set of circumstances led [fill TEMPNAME+] to apply for
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH2++]? Anything else?
[bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
    (1) Needed the money
    (2) Pregnancy/birth of child
    (3) Began receiving for another dependent (e.g. grandchild)
    (4) Separated or divorced from spouse/partner
    (5) Loss of job/wages/other income (own or partner's)
    (6) Loss of other support income
    (7) Just learned about the program
    (8) Just got around to applying
    (9) Became disabled
    (10) Other, specify

    @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBFB23-

[bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSFB23-

What reason was that?

@1
@2

-FBEG120-
-FBEG120-

When did [fill TEMPNAME+] apply for the
[fill INCTYP1]
[fill INCTYP2] that
[fill TEMPNAME+] [fill TEMP2++]?

MONTH: @MON
YEAR: @YEAR

-FYBEG220-

What set of circumstances led [fill TEMPNAME+] to apply for
[fill INCTYP1]
[fill INCTYP2]
in [fill MONTH1++]? Anything else?
[bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

(1) Needed the money
(2) Pregnancy/birth of child
(3) Began receiving for another dependent (e.g. grandchild)
(4) Separated or divorced from spouse/partner
(5) Loss of job/wages/other income (own or partner's)
(6) Loss of other support income
(7) Just learned about the program
(8) Just got around to applying
(9) Became disabled
(10) Other, specify

@1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBFYB220-

    [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
    ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSPFY220-

    What reason was that?

    @1
    @2

-MYSTOP21-

    What set of circumstances caused [fill TEMPNAME+]
    to stop receiving
    [fill INCTYP1]
    [fill INCTYP2]
    in [fill MONTH4++]?

        (1) Became ineligible because of increased income
        (2) Became ineligible because of family changes
            (family member left, over age limit, etc.)
        (3) Still eligible but could not/chose not to collect
        (4) Other, specify

        @

-OTHSMS21-

    What reason was that?

    @1
    @2

-MYBEG21L-
 What set of circumstances led [fill TEMPNAME+] to apply for
       [fill INCTYP1]
       [fill INCTYP2]
       in [fill MONTH4++]? Anything else?
       [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
       NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
       ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
          (1) Needed the money
          (2) Pregnancy/birth of child
          (3) Began receiving for another dependent (e.g. grandchild)
          (4) Separated or divorced from spouse/partner
          (5) Loss of job/wages/other income (own or partner's)
          (6) Loss of other support income
          (7) Just learned about the program
          (8) Just got around to applying
          (9) Became disabled
          (10) Other, specify

          @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBMYB21L-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-MYBEG21S-
 What set of circumstances led [fill TEMPNAME+] to apply for
       [fill INCTYP1]
       [fill INCTYP2]
       in [fill MONTH4++]? Anything else?

       [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
       NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
       ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

          (1) Needed the money
          (2) Became disabled/blind
          (3) Over 65
          (4) Other, specify

          @1 @2 @3 @4

-PRBMB21S-
     [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE

ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSMB21-
    What reason was that?

    @1
    @2

-MYSTOP22-
    What set of circumstances caused [fill TEMPNAME+]
    to stop receiving
    [fill INCTYP1]
    [fill INCTYP2]
    in [fill MONTH3++]?

       (1) Became ineligible because of increased income
       (2) Became ineligible because of family changes
           (family member left, over age limit, etc.)
       (3) Still eligible but could not/chose not to collect
       (4) Other, specify

    @

-OTHSMS22-

What reason was that?

@1
@2

-MYBEG22L-
What set of circumstances led [fill TEMPNAME+] to apply for
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH3++]? Anything else?
        [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
        NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
        ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

        @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBMYB22L-
        [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
        ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-MYBEG22S-
 What set of circumstances led [fill TEMPNAME+] to apply for
       [fill INCTYP1]
       [fill INCTYP2]
       in [fill MONTH3++]? Anything else?

       [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
       NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
       ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

           (1) Needed the money
           (2) Became disabled/blind
           (3) Over 65
           (4) Other, specify

           @1 @2 @3 @4

-PRBMB22S-
       [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
       ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSMB22-
       What reason was that?

       @1
       @2

-MYSTOP23-
       What set of circumstances caused [fill TEMPNAME+]
       to stop receiving
       [fill INCTYP1]
       [fill INCTYP2]
       in [fill MONTH2++]?

           (1) Became ineligible because of increased income
           (2) Became ineligible because of family changes
                (family member left, over age limit, etc.)
           (3) Still eligible but could not/chose not to collect
           (4) Other, specify

           @

-OTHSMS23-
    What reason was that?

    @1
    @2

-MYBEG23L-
 What set of circumstances led [fill TEMPNAME+] to apply for
        [fill INCTYP1]
        [fill INCTYP2]
        in [fill MONTH2++]? Anything else?
        [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
        NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
        ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
            (1) Needed the money
            (2) Pregnancy/birth of child
            (3) Began receiving for another dependent (e.g. grandchild)
            (4) Separated or divorced from spouse/partner
            (5) Loss of job/wages/other income (own or partner's)
            (6) Loss of other support income
            (7) Just learned about the program
            (8) Just got around to applying
            (9) Became disabled
            (10) Other, specify

            @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRBMYB23L-
   [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
        ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-MYBEG23S-
 What set of circumstances led [fill TEMPNAME+] to apply for
      [fill INCTYP1]
      [fill INCTYP2]
      in [fill MONTH2++]? Anything else?
      [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
      NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
      ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

        (1) Needed the money
        (2) Became disabled/blind
        (3) Over 65
        (4) Other, specify

        @1 @2 @3 @4

-PRBMB23S-
   [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
     ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTHSMB23-
     What reason was that?

     @1
     @2

-MBEG120-
-MBEG120-
     When did [fill TEMPNAME+] apply for the
     [fill INCTYP1]
     [fill INCTYP2] that
     [fill TEMPNAME+] [fill TEMP2++]?

        MONTH: @MON
         YEAR: @YEAR

-MYBEG220L-
 What set of circumstances led [fill TEMPNAME+] to apply for
      [fill INCTYP1]
      [fill INCTYP2]
      in [fill MONTH1++]? Anything else?
      [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
      NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
      ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]
        (1) Needed the money
        (2) Pregnancy/birth of child
        (3) Began receiving for another dependent (e.g. grandchild)
        (4) Separated or divorced from spouse/partner
        (5) Loss of job/wages/other income (own or partner's)
        (6) Loss of other support income
        (7) Just learned about the program
        (8) Just got around to applying
        (9) Became disabled
        (10) Other, specify

        @1 @2 @3 @4 @5 @6 @7 @8 @9 @10

-PRMYB220L-
      [bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE
      ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-MYBEG220S-
 What set of circumstances led [fill TEMPNAME+] to apply for
      [fill INCTYP1]
      [fill INCTYP2]
      in [fill MONTH1++]? Anything else?

      [bold]MARK ALL THAT APPLY; ENTER (N) AFTER LAST RESPONSE
      NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
      ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON[n]

        (1) Needed the money
        (2) Became disabled/blind
        (3) Over 65
        (4) Other, specify

        @1 @2 @3 @4

-PRMYB220S-

[bold]THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON. @

-OTSPM220-

What reason was that?

@1
@2

WAVE 1 - RECIPIENCY HISTORY TOPICAL MODULE
(PART 2)

-APLFS-

    Has [FIRST NAME] [LAST NAME] ever applied for the Federal
    Government's Food Stamp Program?

        (1) Yes
        (2) No

        @

-RECVFS-

    Has [FIRST NAME] [LAST NAME] EVER been authorized to
    receive food stamps?

        (1) Yes
        (2) No

        @

-FSWHEN-

    When did [FIRST NAME] [LAST NAME] first start receiving food stamps?

        MONTH: @
         YEAR: @

-TMFSLONG-

    For how long did [FIRST NAME] [LAST NAME] receive food stamps that time?
    (ENTER ANSWER IN MONTHS OR YEARS)

        @

        ANSWER IS IN:
        (1) MONTHS
        (2) YEARS

        @

-TMFSTIME-

    How many times in all have there been when
    [FIRST NAME] [LAST NAME] received food stamps?

        @

-APLAFDC-

Has [FIRST NAME] [LAST NAME] EVER applied for benefits from
the program AFDC - Aid to Families With Dependent Children
sometimes called ADC?

     (1) Yes
     (2) No

     @

-RECVAFDC-

Has [FIRST NAME] [LAST NAME] EVER received AFDC benefits?

     (1) Yes
     (2) No

     @

-AFDCWHEN-

When did [FIRST NAME] [LAST NAME] first start receiving AFDC benefits?

     MONTH: @
      YEAR: @

-TMAFDCLG-

For how long did [FIRST NAME] [LAST NAME] receive AFDC that time?
(ENTER ANSWER IN MONTHS OR YEARS)

     @

     ANSWER IS IN:
     (1) MONTHS
     (2) YEARS

     @

-AFDCTIME-

How many times in all have there been when
[FIRST NAME] [LAST NAME] received AFDC?

     @

-APLSSI-

     Has [FIRST NAME] [LAST NAME] EVER applied for benefits from
     the program called SSI or Supplemental Security Income?

        (1) Yes
        (2) No

        @

-RECVSSI-

     Has [FIRST NAME] [LAST NAME] EVER received SSI benefits?

        (1) Yes
        (2) No

        @

-SSIWHEN-

     When did [FIRST NAME] [LAST NAME] first start receiving SSI benefits?

        MONTH: @
         YEAR: @

-TMSSILNG-

     For how long did [FIRST NAME] [LAST NAME] receive SSI that time?
     (ENTER ANSWER IN MONTHS OR YEARS)

        @

        ANSWER IS IN:
        (1) MONTHS
        (2) YEARS

        @

WAVE 1- EMPLOYMENT HISTORY TOPICAL MODULE

-EMPHINTRO-

      Now I have some questions about his/her
      previous jobs or businesses.

      PRESS ENTER TO CONTINUE

      @

-LSTWRKY1-

      (Before [FIRST NAME] [LAST NAME] started his/her current
           job or business)
      what year did [FIRST NAME] [LAST NAME] last work
      at a paid job or business?

      ENTER (N) FOR NEVER WORKED

         YEAR: @

-LSTWRKM1-

      In what month was that?

         MONTH: @

-PRVJOBYR-

      Before [MONTH1], in what year did [FIRST NAME] [LAST NAME]
      last work at a paid job or business?

      ENTER (N) FOR NEVER WORKED AT ANOTHER JOB/BUSINESS

         YEAR: @

-PRVJOBMN-

      In what month was that?

         MONTH: @

-FRMRYR-

      In what year did [FIRST NAME] [LAST NAME] START
      that job or business?

         YEAR: @

-FRMRMN-

     In what month was that?

         MONTH: @

-SIXMTHYR-

     How old was [FIRST NAME] [LAST NAME] when
     he/she FIRST worked 6 straight
     months at some job or business

     IF THE RESPONDENT PROVIDES AN AGE, ENTER THE RESPONSE
     IN THE "AGE" SPACE; IF THE RESPONDENT PREFERS TO ANSWER
     IN TERMS OF A CALENDAR YEAR, ENTER THE YEAR (THAT IS, 19--)
     IN THE "YEAR" SPACE. PRESS ENTER TO MOVE TO "YEAR" SPACE.)
     WE ARE ONLY INTERESTED IN WORK AFTER AGE 15. ENTER AN
     AGE OR YEAR AFTER THE RESPONDENT TURNED 15.

     ENTER (N) FOR NEVER WORKED MORE THAN 6 STRAIGHT MONTHS
     AT A JOB OR BUSINESS

        AGE: @   OR   YEAR: @

-YRSIXMTH-

      That would be around [MAKEMTHYR].
     Is that correct?

         (1) Yes
         (2) No

         @

-SXMTHYR2-

     I'm sorry. What year was it?

         YEAR: @

-NO6REASN-

What is the main reason [FIRST NAME] [LAST NAME]
never worked (six straight months)
at a paid job or business?

(1) Taking care of a minor child
(2) Taking care of an elderly family member
(3) Taking care of a disabled but non-
    elderly family member
(4) Other family or home responsibilities
(5) Own illness or disability
(6) Could not find work
(7) Did not want to work
(8) Going to school
(9) Other

@

-YRSINCE-

Did [FIRST NAME] [LAST NAME] work at least
6 straight months in each year?

(1) Yes
(2) No

@

-YRSINCE2-

There have been [TEMP] years since [MAKEMTHYR].
In how many of those [TEMP] years
did [FIRST NAME] [LAST NAME] NOT work 6 straight months?

ENTER NUMBER OF YEARS OR (A) FOR ALL

NUMBER OF YEARS: @

-WRK35HR-

During the time since [MAKEMTHYR] that [FIRST NAME] [LAST NAME]
has worked, has he/she generally
worked 35 or more hours per week?

(1) Yes
(2) No

@

-OFF6MTH-

Since [MAKEMTHYR] have there been any periods lasting
6 months or longer when [FIRST NAME] [LAST NAME] did not work at
a paid job or business because he/she was
taking care of a child, an elderly person, or a disabled
person?

      (1) Yes
      (2) No

      @

-NOWRKSPL-

When was the MOST RECENT time period that this happened?
Please report the beginning and ending years of the
period.

      FROM: @   TO: @

-NWRESN-

(ASK OR VERIFY)

At that time which ONE of the following was
[FIRST NAME] [LAST NAME] taking care of …?

READ ALL ANSWERS. ENTER ONLY ONE RESPONSE.

      (1) A minor child
      (2) An elderly family member
      (3) A disabled but non-elderly family member

      @

-OTHTIMES-

Since [MAKEMTHYR] were there any other periods of
6 months or longer when [FIRST NAME] [LAST NAME] did not work at
a paid job or business because he/she was
taking care of a child, an elderly person, or a disabled
person?

      (1) Yes
      (2) No

      @

-CNTOTHR-

How many other times did this happen?

@

-FRSTYR-

When was the first time that this happened?

FROM: @   TO: @

-FRSTRSN-

(ASK OR VERIFY)

At that time which ONE of the following was
[FIRST NAME] [LAST NAME] taking care of …?

READ ALL ANSWERS. ENTER ONLY ONE RESPONSE.

(1) A minor child
(2) An elderly family member
(3) A disabled but non-elderly family member

@

APPENDIX C

Working Papers

This appendix provides a list of SIPP Working Papers. These papers are available on the Census Bureau's Internet site *http://www.census.gov*

OLD   **New**

(8401)   1   (Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," D. NELSON, D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)

(8501)   2   "The Survey of Income and Program Participation: Uses and Applications," K. S. SHORT (Census Bureau)

(8502)   3   "Applications of a Matched File Linking the Bureau of the Census Survey of Income and Program Participation and Economic Data," S. HABER (The George Washington University)

(8503)   4   "Using the Survey of Income and Program Participation for Research on the Older Population," D. B. MCMILLEN, C. M. TAEUBER, and J. MARKS (Census Bureau)

(8504)   5   "Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," D. T. FRANKEL (Census Bureau)

(8505)   6   "Enhancing Data from the Survey of Income and Program Participation with Data from Economic Censuses and Surveys," D. K. SATER (Census Bureau)

(8506)   7   "Methodologies for Imputing Longitudinal Survey Items," V. J. HUGGINS, L. WEIDMAN, and M. E. SAMUHEL (Census Bureau)

(8507)   8   "New Household Survey and the CPS: A Look at Labor Force Differences," P. M. RYSCAVAGE (Census Bureau) and J. E. BREGGER (Bureau of Labor Statistics)

(8601)   9   "Some Aspects of SIPP," compiled and edited by R. A. HERRIOT and D. KASPRZYK (Census Bureau)

(8602)   10   "Nonsampling Error Issues in the SIPP," G. KALTON (University of Michigan), D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)

(8603)   11   "An Investigation of Model-Based Imputation Procedures Using Data from the Income Survey Development Program," V. J. HUGGINS and L. WEIDMAN (Census Bureau)

(8604)   12   "Food Stamp Participation: A Comparison of SIPP with Administrative Records, S. CARLSON and R. DALRYMPLE (Food and Nutrition Service)

(8605)   13   "SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," L. R. ERNST (Census Bureau)

(8606)   14   "A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," V. J. HUGGINS (Census Bureau)

OLD   **New**

(8607)   15   "An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," V. J. HUGGINS and L. WEIDMAN (Census Bureau)

(8608)   16   "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," M. HOLT (Survey Research Consultant)

(8609)   17   "Patterns of Household Composition and Family Status Change," C. F. CITRO (ASA/Census Research Fellow), and H. W. WATTS (Department of Economics, Columbia University)

(8610)   18   "Composite Estimation for SIPP:A Preliminary Report," R. P. CHAKRABARTY (Census Bureau)

(8611)   19   "Longitudinal Household Concepts in SIPP: Preliminary Results," C. F. CITRO (ASA/Census Research Fellow), D. J. HERNANDEZ, and R. A. HERRIOT (Census Bureau)

(8612)   20   "Following Children in the Survey of Income and Program Participation," E. K. MCARTHUR, and K. S. SHORT (Census Bureau)

(8613)   21   "SIPP Labor Force Transitions: Problems and Promises," P. RYSCAV AGE andK. S. SHORT (Census Bureau)

(8614)   22   "Augmenting Data Reported in the Survey of Income and Program Participation with Administrative Record Data--A Brief Discussion," D. K. SATER (Census Bureau)

(8701)   23   "Tracking Persons Over Time," A. C. JEAN and E. K. MCARTHUR (Census Bureau)

(8702)   24   "Preliminary Data from the SIPP 1983-84 Longitudinal Research File," J. F. CODER, D. BURKHEAD, A. FELDMAN-HARKINS, and J. MCNEIL (Census Bureau)

(8703)   25   "Work Experience Data from SIPP," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)

(8704)   26   "The Treatment of Person-Wave Nonresponse in Longitudinal Surveys," G. KALTON, J. LEPKOWSKI, S. HEERINGA, TING-KWONG LIN, and M. E. MILLER (Survey Research Center, University of Michigan)

(8705)   27   "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," P. RYSCAVAGE (Census Bureau)

(8706)   28   "Response Errors in Labor Surveys: Comparisons of Self and Proxy," D. HILL (University of Michigan)

(8707)   29   "Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation," L. KU and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)

(8708)   30   "Quality Profile for the Survey of Income and Program Participation," K. KING, R. PETRONI, and R. SINGH (Census Bureau)

SIPP FILES

OLD	New	
(8709)	31	"Survey of Income and Program Participation (SIPP) Sample Loss and the Efforts to Reduce It," D. NELSON, C. BOWIE, and A. WALKER (Census Bureau)
(8710)	32	"The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," P. DOYLE (Mathematica Policy Research), and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)
(8711)	33	"Job Tenure, Lifetime Work Interruptions and Wage Differentials," J. MCNEIL, E. LAMAS (Census Bureau), and S. HABER (The George Washington University)
(8712)	34	"Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," D. HUBBLE (Census Bureau), and D. JUDKINS (Westat, Inc.)
(8713)	35	"Investigation of Possible Causes of Transition Patterns from SIPP," L. WEIDMAN (Census Bureau)
(8714)	36	"Household and Income Sources: Monthly Averages for 1984," J. MOORMAN (Census Bureau)
(8715)	37	"Creating SIPP Longitudinal Files Using OSIRIS IV," M. SERVAIS (University of Michigan)
(8716)	38	"Transition In and Out of Poverty: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute), and R. WILLIAMS (Congressional Budget Office)
(8717)	39	"On Their Own: The Self-Employed and Others in Private Business," S. HABER (The George Washington University), E. LAMAS (Census Bureau), and J. LICHTENSTEIN (U.S. Small Business Administration)
(8718)	40	"Factors Associated with Household Net Worth," E. LAMAS and J. MCNEIL (Census Bureau)
(8719)	41	"Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," D. BURKHEAD and A. FELDMAN and HARKINS (Census Bureau)
(8720)	42	"The Analysis of Geographical Mobility and Life Events with the SIPP," D. DAHMANN and E. MCARTHUR (Census Bureau)
(8721)	43	"A Review of the Use of Administrative Records in the Survey of Income and Program Participation," C. BOWIE and D. KASPRZYK (Census Bureau)
(8722)	44	"Survey of Income and Program Participation Update," D. KASPRZYK (Census Bureau)
(8723)	45	"Measuring Poverty with the SIPP and the CPS," R. WILLIAMS (Congressional Budget Office)
(8724)	46	"The Statistical Invisible Minority Aged," C. TAEUBER (Census Bureau), and E. ATTAH (Atlanta University)

OLD	New	
(8725)	47	"An Analysis of the SIPP Asset and Liability Feedback Experiment," E. LAMAS and J. MCNEIL (Census Bureau)
(8801)	48	"The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," P. DOYLE and S. K. LONG (Mathematica Policy Research, Inc.)
(8802)	49	"Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute)
(8803)	50	"Residential Mobility of One-Person Households," J. WITTE and H. LAHMANN (German Institute for Economic Research)
(8804)	51	"Year-Apart Estimates of Household Net Worth from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)
(8805)	52	"Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Periods Using the Survey of Income and Program Participation," M. DAVID and J. FITZGERALD (Institute for Research on Poverty)
(8806)	53	"Using Administrative Record Data to Evaluate the Quality of Survey Estimates," J. MOORE and K. MARQUIS (Census Bureau)
(8807)	54	"The Wealth of the Aged and Nonaged, 1984," D. RADNER (Social Security Administration)
(8808)	55	"Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts, A. C. MONHEIT and C. L. SCHUR (National Center for Health Services Research)
(8809)	56	"The Dynamics of Medicaid Enrollment," P. FARLEY-SHORT, J. A. CANTOR and A. C. MONHEIT (National Center for Health Services Research)
(8810)	57	"The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data, A. MARTINI (University of Wisconsin-Madison)
(8811)	58	"Income as a Proxy for the Economic Status of the Elderly," D. J. CHOLLET and R. B. FRIEDLAND (Employee Benefit Research Institute)
(8812)	59	"The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement."
(8813)	60	"Participation in Industrial Training Programs," S. HABER (The George Washington University)
(8814)	61	"A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," W. J. LOGAN (Social Security Administration),. D. KASPRZYK and R. CAVANAUGH (Census Bureau)
(8815)	62	"The Effect of Income Taxation on Labor Supply When Deductions are Endogenous, R. K. TRIEST (The Johns Hopkins University)

SIPP FILES

OLD	New	
(8816)	63	"A Comparison of Gross Changes in Labor Force Status from SIPP and CPS," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)
(8817)	64	"How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," A. GOLDSTEIN (Census Bureau)
(8818)	65	"Welfare Recipient as Observed in the SIPP," J. CODER (Census Bureau) and P. RUGGLES (The Urban Institute)
(8819)	66	"Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons, P. RYSCAVAGE (Census Bureau)
(8820)	67	"Selected References from the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)."
(8821)	68	"Training, Wage Growth, Firm Size," S. HABER (The George Washington University) and E. LAMAS (Census Bureau)
(8822)	69	"Defining and Measuring Nonmetro Poverty: Results from the Survey of Income and Program Participation," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)
(8823)	70	"Nonresponse Adjustment Methods for Demographic Surveys at the U.S. Bureau of the Census," R. SINGH and R. PETRONI (Census Bureau)
(8824)	71	"Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," S. DURANT and P. GBUR (Census Bureau)
(8825)	72	"Excluding Sample that Misses Some Interviews from SIPP Longitudinal Estimates," L. R. ERNST and D. GILLMAN (Census Bureau)
(8826)	73	"The Employment of Mothers and the Prevention of Poverty," M. HILL (University of Michigan) and H. HARTMANN (Rutgers University)
(8827)	74	"Using Administrative Record Data to Describe SIPP Response Errors," J. MOORE and K. MARQUIS (Census Bureau)
(8828)	75	"A Look at Welfare Dependency Using the 1984 SIPP Panel File," J. CODER, D. BURKHEAD, and A. FELDMAN-HARKINS (Census Bureau)
(8829)	76	"Census Bureau Microdata: Providing Useful Research Data While Protecting the Anonymity of Respondents," G. GATES (Census Bureau)
(8830)	77	"The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," D. KASPRZYK (Census Bureau)
(8901)	78	"Quality of SIPP Estimates," R. P. SINGH, L. WEIDMAN, and G. SHAPIRO (Census Bureau)
(8902)	79	"Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," B. BYE and S. J. GALLICCHIO (Social Security Administration)

OLD   **New**

(8903)   80   "Longitudinal vs. Retrospective Measures of Work Experience," P. RYSCAVAGE and J. CODER (Census Bureau)

(8904)   81   "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. FARLEY and L. J. NEIDERT (University of Michigan)

(8905)   82   "Enhanced Demographic-Economic Data Sets,"R. HERRIOT, C. BOWIE, D. KASPRZYK, and S. HABER (Census Bureau)

(8906)   83   "Reflections on the Income Estimates from the Initial Panel of the Survey of Income and Program Participation (SIPP)," D. VAUGHAN (Social Security Administration)

(8907)   84   "Measuring Spells of Unemployment and Their Outcomes," P. RYSCAVAGE (Census Bureau)

(8908)   85   "Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. RUGGLES (The Urban Institute)

(8909)   86   "Measuring the Duration of Poverty Spells," P. RUGGLES (The Urban Institute) and R. WILLIAMS (Congressional Budget Office)

(8910)   87   "Methods of Processing Unit Data Longitudinally on the SIPP," K. SMITH (Congressional Budget Office)

(8911)   88   "Composite Estimation for SIPP Annual Estimates," R. P. CHAKRABARTY (Census Bureau)

(8912)   89   "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. PETRONI, T. CARMODY, and V. HUGGINS (Census Bureau)

(8913)   90   "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. HILL (University of Michigan)

(8914)   91   "The Economic Resources of the Elderly," S. CRYSTAL and D. SHEA (Rutgers University)

(8915)   92   "Multivariate Analysis by Users of SIPP Micro-Data Files" R. P. CHAKRABARTY (Census Bureau)

(8916)   93   "A Resource-Based Model of Living Arrangements among the Unmarried Elderly," J. E. MUTCHLER and J. A. BURR (University of Buffalo)

(8917)   94   "Measuring Household Change at the Individual Level Using Data from SIPP, " A. SPEARE, JR. and R. AVERY (Brown University)

(8918)   95   "The Effect of Child Care Costs on Married Women's Labor Force Participation, R. CONNELLY (Bowdoin College)

(8919)   96   "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. GRAD (Social Security Administration)

SIPP FILES

OLD **New**

(8920) 97 "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. VAUGHAN (Social Security Administration)

(8921) 98 "Wave Seam Effects in the SIPP," N. YOUNG (The Urban Institute)

(8922) 99 "Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," D. J. HERNANDEZ (Census Bureau)

(8923) 100 "Database Design for Large-Scale, Complex Data," M. H. DAVID and A. ROBBIN (University of Wisconsin)

(8924) 101 "Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)

(8925) 102 "The Regular Receipt of Child Support: A Multi-Step Process," J. PETERSON and C. NORD (Child Trends, Inc.)

(8926) 103 "The Potential for Comparative Panel Research Using Data from the Survey of Income and Program Participation and the German Socio-Economic Panel, J. C. WITTE (Harvard University)

(8927) 104 "Offer Arrivals Versus Acceptance: Interpreting Demographic Reemployment Patterns in the Search Framework," T. J. DEVINE (The Pennsylvania State University)

(8928) 105 "Findings from the SIPP Fringe Benefits Feasibility Study: Response Rates and Data Quality," S. HABER (The George Washington University)

(9001) 106 "Recent Developments in the Survey of Income and Program Participation, C. BOWIE (Census Bureau)

(9002) 107 "An Analysis of Leaving Home Using Data from the 1984 Panel of the SIPP, A. SPEARE, JR., R. AVERY, and F. GOLDSCHEIDER (Brown University)

(9003) 108 "The Effect of the Marriage Market on First Marriages: Evidence from SIPP, J. FITZGERALD (Bowdoin College)

(9004) 109 "Counting Spells of Unemployment," P. RYSCAVAGE and K. SHORT (Census Bureau)

(9005) 110 "The Elderly and Their Sources of Income: Implications for Rural Development," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)

(9006) 111 "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income," D. RADNER (Social Security Administration)

(9007) 112 "Longitudinal Analysis of Federal Survey Data," P. RUGGLES (Joint Economic Committee)

(9008) 113 "Measurement Errors in SIPP Program Reports," K. H. MARQUIS and J. C. MOORE (Census Bureau)

(9009) 114 "Handling Single Wave Nonresponse in Panel Surveys," R. SINGH, V. HUGGINS, and D. KASPRZYK (Census Bureau)

OLD   **New**

(9010)   115   "Nonresponse Research for the SIPP," R. PETRONI (Census Bureau)

(9011)   116   "The Seam Effect in Panel Surveys," G. KALTON, D. HILL, and M. MILLER (University of Michigan)

(9012)   117   "The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP," S. H. LONG and J. RODGERS (Congressional Budget Office)

(9013)   118   "Wage Differential and Job Changes," S. SENINGER and D. GREENBERG (University of Maryland) From SIP

(9014)   119   "Wages and Employment Among the Working Poor: New Evidence P, S. K. LONG (The Urban Institute) and A. MARTINI (Mathematica Policy Research)

(9015)   120   "Pension Portability & Labor Mobility: Evidence from SIPP," A. GUSTMAN (Dartmouth College) and T. STEINMEIER (Texas Tech University)

(9016)   121   "Response & Procedural Error Variance in Surveys: An Application of Poisson and Newman Type A Regression," D. HILL (University of Toledo)

(9017)   122   "Aging and the Income Value of Housing Wealth," S. F. VENTI (Dartmouth College) and D. A. WISE (Harvard University)

(9018)   123   "Welfare Participation and Welfare Recidivism: The Role of Family Events, S. K. LONG (The Urban Institute)

(9019)   124   "Racial Differences in Health and Health Care Service Utilization: The Effect of Socioeconomic Status," J. E. MUTCHLER and J. A. BURR (State University of New York at Buffalo)

(9020)   125   "Living Benefits: Closing the Gap for LTC Financing," D. G. SHEA (Pennsylvania State University)

(9021)   126   "SIPP Record Check Results: Implications for Measurement Principles and Practice, K. H. MARQUIS and J. C. MOORE (Census Bureau)

(9022)   127   "Workers with Disabilities in Large and Small Firms: Profiles from the SIPP," D. DRURY (Berkeley Planning Associates)

(9023)   128   "Entry into Marriage and the Transition to Adulthood Among Recent Firth Cohorts of Young Adults in the United States and the Federal Republic of Germany," J. WITTE (Harvard University)

(9024)   129   "The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP, S. VENTI (Dartmouth College) and D. A. WISE (Harvard University)

(9025)   130   "Children and Welfare: Patterns of Multiple Program Participation," S. K. LONG (The Urban Institute)

(9026)   131   "Household and Nonhousehold Living Arrangements in Later Life: A Longitudinal Analysis of A Social Process," J. E. MUTCHLER and J. A. BURR (University of Buffalo)

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OLD	New	
(9027)	132	"The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. KOMINSKI (Census Bureau)
(9028)	133	"Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. HABER (George Washington University)
(9029)	134	"Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. GREENBERG and L. VOSHELL (Census Bureau)
(9030)	135	"Childcare Effects on Social Security Benefits (91 ARC)," H. M. IAMS (Social Security Administration)
(9031)	136	"The Effect of the Medicaid Program on Welfare Participation & Labor Supply," R. MOFFIT (Brown University) and B. WOLFE (University of Wisconsin)
(9032)	137	"Proxy Reports: Results from a Record Check Study," J. C. MOORE (Census Bureau)
(9033)	138	"Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. MCBRIDE and K. SWARTZ (The Urban Institute)
(9034)	139	"Spells without Health Insurance: Distributions of Durations and their Link to Point-in-Time Estimates of the Uninsured," K. SWARTZ and T. MCBRIDE (The Urban Institute)
(9035)	140	"Discrete Time Models of Entry into Marriage Based on Retrospective Marital Histories of Young Adults in the U.S. and the Federal Republic of Germany," J. WITTE (Harvard University)
(9101)	141	"Trends in Income and Wealth of the Elderly in the 1980's," P. RYSCAVAGE (Census Bureau)
(9102)	142	"The Impact of Survey and Questionnaire Design on Longitudinal Labor Force Measures," A. MARTINI (Mathematica Policy Research) and P. RYSCAVAGE (Census Bureau)
(9103)	143	"Using SIPP to Analyze Black-White Differences in Youth Employment," G. C. CAIN and P. M. GLEASON (University of Wisconsin)
(9104)	144	"A Random-Effects Approach to Attrition Bias in the SIPP Health Insurance Data," J. A. KLERMAN (The Rand Corporation)
(9105)	145	"Alternative Samples for Welfare Duration in SIPP: Does Attrition Matter?," J. FITZGERALD (Census Bureau/Bowdoin College) X. ZUO (Census Bureau/Shanghai Academy of Social Science)
(9106)	146	"Job-Exits and Job-to-Job Transitions in the United States: An Empirical Analysis Using SIPP," T. J. DEVINE (Pennsylvania State University)
(9107)	147	"The Flow of Household Income in the 1984 Survey of Income and Program Participation," H. W. WATTS (Census Bureau/Columbia University), D. B. MCMILLEN (Census Bureau) and L. MOELLER (Census Bureau/Columbia University)

OLD   New

(9108)   148   "The Survey of Income and Program Participation as a Source of Data on Children and Families: A Comparison of Estimates Derived from SIPP with Estimates from Other Sources," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)

(9109)   149   "Health Insurance Coverage Among the Elderly," V. WILCOX-GOK (Department of Economics and Institute for Health) J. RUBIN (Health Care Policy, and Aging Research)

(9110)   150   "A Cognitive Approach to Redesigning Measurement in the Survey of Income and Program Participation," K. H. MARQUIS, J. C. MOORE and K. E. BOGEN (Census Bureau)

(9111)   151   "Effects of Measurement Error on Occupational Event History Analysis," D. H. HILL (University of Toledo)

(9112)   152   "Record Use by Respondents," R. KOMINSKI (Census Bureau)

(9113)   153   "Recipiency History and Left-Censored Spells of Program Participation in the SIPP," K. SHORT and J. EARGLE (Census Bureau)

(9114)   154   "Receipt of Food Stamps by Longitudinal Households and Individuals in the SIPP," N. R. BURSTEIN (Abt Associates Inc.)

(9115)   155   "Within-PSU Sort and Stratification Research to Improve Survey Efficiency," M. GORSAK, K. MANSUR, D. FENSTERMAKER and R. PETRONI (Census Bureau)

(9116)   156   "Marital Separation and the Economic Well-Being of Children and Their Absent Fathers," S. M. BIANCHI (Census Bureau)

(9117)   157   "Rationale for a SIPP-Based Microsimulation Model of SSI and OASDI," B. WIXON and D. R. VAUGHAN (Social Security Administration)

(9118)   158   "Implementing an SSI Model Using the Survey of Income and Program Participation, D. R. VAUGHAN and B. WIXON (Social Security Administration)

(9119)   159   "Local Labor Markets and Local Area Effects on Welfare Duration: Evidence from SIPP," J. FITZGERALD (Census Bureau) X. ZUO (Dowdoin College and Shanghai Academy of Social Science)

(9120)   160   "Oversampling the Low-Income Population in the Survey of Income and Program Participation (SIPP)," G. D. WELLER, V. J. HUGGINS and R. P. SINGH (Census Bureau)

(9121)   161   "Estimates of the Uninsured Population from the Survey of Income and Program Participation: Size, Characteristics, and the Possibility of Attrition Bias, K. SWARTZ (The Urban Institute)

(9201)   162   "Changes in Parent-Child Coresidence in Later Life," A. SPEARE, JR. (Census Bureau/Brown University) and R. AVERY (Brown University)

(9202)   163   "Who Helps Whom in Older Parent-Child Families," A. SPEARE, JR. (Population Studies and Training Center) R. AVERY (Brown University)

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(9203)	164	"Testing Alternative Household Roster Questions for the Survey of Income and Program Participation," D. CANTOR and C. EDWARDS
(9204)	165	"Pretest Results of an Alternative Measurement Design for the Survey of Income and Program Participation," K. BOGEN, J. C. MOORE and K. H. MARQUIS (Center for Survey Methods Research and Census Bureau)
(9205)	166	"Dependent and Independent Data Collection in Panel Surveys: Analysis of 1985, 1986 SIPP Occupation and Industry Data," D. H. HILL (Survey Research Institute/University of Toledo)
(9206)	167	"The Survey of Income and Program Participation in the 1990's," D. H. WEINBERG and R. J. PETRONI (Census Bureau)
(9207)	168	"A Statistical Profile of At-Risk Children in the United States," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)
(9208)	169	"Social Security Earnings of Wives Relative to Their Husbands: A Cohort Analysis", H. M. IAMS (Social Security Administration)
(9209)	170	"Private Health Insurance and the Utilization of Medical Care by the Elderly, V. WILCOX-GOK and J. RUBIN
(9210)	171	"Analyzing Spells of Program Participation in the SIPP," G. KALTON, D. P. MILLER, AND J. LEPKOWSKI
(9211)	172	"Time in Panel Effects in the SIPP," G. KALTON, J. M. LEPKOWSI, S. G. PENNELL, D. P. MILLER AND E. LUIS.
(9301)	173	"Multiple Program Use in a Dynamic Context: Data from the SIPP," R. M. BLANK (Northwestern University) and P. RUGGLES (The Urban Institute)
(9302)	174	"A Comparative Analysis of the Labor Force Activities of Ethnic Populations," F. D. WILSON (University of Wisconsin-Madison ASA/NSF/Census Fellow) and L. L. WU (University of Wisconsin-Madison)
(9303)	175	"Variance Estimation by User of SIPP Micro-Data Files," R. P. CHAKRABARTY (Census Bureau)
(9304)	176	"Measurements of Job Exits: What Difference Does Ambiguity Make?," T. J. DEVINE (Pennsylvania State University)
(9305)	177	"The Seasonality of Moving: An Analysis of Data from the Survey of Income and Program Participation," D. DEARE (Census Bureau)
(9306)	178	"The Quality of Census Bureau Survey Data Among Respondents with High Income," C. T. NELSON (Census Bureau)
(9307)	179	"Modeling Food Stamp Participation in the Presence of Reporting Errors," C. R. BOLLINGER and M. DAVID (University of Wisconsin)

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(9308)   180   "The Seam Effect in SIPP's Labor Force Data: Did the Recession Make it Worse?," P. RYSCAVAGE (Census Bureau)

(9309)   181   "Where's Papa? Fathers' Role in Child Care" M. O'CONNELL (Census Bureau)

(9310)   182   "Effectiveness of Oversampling Low Income Households in the Survey of Income and Program Participation" T. ALLEN, R. PETRONI and R. SINGH

(9311)   183   "Informal Mechanisms for Government Decision-Making: Case Study of a Team Approach to Redesigning the Survey of Income and Program Participation," D. H. WEINBERG (Census Bureau)

(9312)   184   "The Earned Income Tax Credit: Participation, Compliance, and Antipoverty Effectiveness," J. K. SCHOLZ (University of Wisconsin-Madison)

(9313)   185   "Effects of a Cognitive Interviewing Approach on Response Quality in a Pretest for the SIPP," K. H MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)

(9314)   186   "Cross-Sectional Imputation and Longitudinal Editing Procedures in the Survey of Income and Program Participation," S. G. PENNELL (The University of Michigan)

(9315)   187   "Who's Wealthy? Who's Not? Stability and Change in Sociodemographic Covariate Structures of Positive, Zero, and Negative Net Worth Data in the Survey of Income and Program Participation," K. C. LAND and S. T. RUSSELL

(9316)   188   "Are College-Educated Young Persons Finding Good Jobs? A Look at Some of the Evidence" P. RYSCAVAGE (Census Bureau)

(9401)   189   "A Comparison of Attrition in the Panel Study of Income Dynamics and the Survey of Income and Program Participation," J. E. ZABEL

(9402)   190   "The Effect of Attrition on Income and Poverty Estimates from the Survey of Income and Program Participation (SIPP)," E. LAMAS, J. TIN and J. EARGLE

(9403)   191   "An Analysis of Attrition in the PSID and SIPP with an Application to a Model of Labor Market Behavior," J. E. ZABEL

(9404)   192   "Mover Nonresponse Adjustment Research for the Survey of Income and Program Participation," T. M. ALLEN and R. J. PETRONI

(9405)   193   "Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI and H. HUANG

(9406)   194   "Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY

(9407)   195   "Testing a New Attrition Nonresponse Adjustment Method for SIPP," R. E. FOLSOM and M. B. WITT

(9408)   196   "Oversampling in Panel Surveys," R. SINGH, R. J. PETRONI and T. M. ALLEN (U.S. Bureau of the Census)

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(9409)	197	"An Experiment to Reduce Measurement Error in the SIPP: Preliminary Results," K. H. MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)
(9410)	198	"Changing Social Security Survivorship Benefits and the Poverty of Widows," M. D. HURD (State University of New York and D. A. WISE (Harvard University)
(9411)	199	"Weighting Schemes for Household Panel Surveys," G. KALTON and J. M. BRICK (Westat, Inc.)
(9412)	200	"Weighting Adjustments for Panel Nonresponse in the SIPP," L. RIZZO, G. KALTON and J. M. BRICK (Westat, Inc.)
(9413)	201	"Overview of SIPP Nonresponse Research Data," S. MACK and R. PETRONI (Census Bureau)
(9414)	202	"Regression Weighting Methods for SIPP Data," A. B. AN, F. J. BREIDT and W. A. FULLER (Iowa State University)
(9415)	203	"The Redesign of the SIPP," V. J. HUGGINS and D. P. FISCHER (Census Bureau)
(9501)	204	"Adjusting for Attrition in Event History Analysis," D. H. HILL (Survey Research Institute, University of Toledo)
(9502)	205	"Regression Adjustment for Nonresponse," A. B. AN and W. A. FULLER (Iowa State University)
(9503)	206	"Nonresponse Research Plans for the Survey of Income and Program Participation," S. P. MACK and P. J. WAITE (Census Bureau)
(9504)	207	"Income Poverty Times Series Data from the Survey of Income and Program Participation," V. J. HUGGINS and F. WINTERS (Census Bureau)
(9505)	208	"Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY (Census Bureau)
(9506)	209	"Continuing Research on Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI (Census Bureau)
(9507)	210	"Overview of Redesign Methodology for the Survey of Income and Program Participation," P. H. SIEGEL and S. P. MACK (Census Bureau)
(9508)	211	"Research on Characteristics of Survey of Income and Program Participation Nonrespondents Using IRS Data," M. R. HENDRICK, K. E. KING and J. B. BIENIAS (Census Bureau)
(9601)	212	"The SIPP Cognitive Research Evaluation Experiment: Basic Results and Documentation," J. C. MOORE, K. H. MARQUIS and K. BOGEN (Census Bureau)
(9602)	213	"The Effects of Special Saving Programs on Saving and Wealth," J. M. POTERBA, S. F. VENTI and D.A. WISE (National Bureau of Economic Research)

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(9603)   214   "Past is Prologue: Simulating Lifetime Social Security Earnings for the Twenty-First Century," H. M. IAMS and S. H. SANDELL (Office of Research & Statistics, Social Security Administration)

(9604)   215   "Evaluating the Quality of Income Data Collected in the Annual Supplement to the March Current Population Survey and the Survey of Income and Program Participation," J. CODER and L. SCOON-ROGERS (Census Bureau)

(9605)   216   "Compensating for Missing Wave Data in the Survey of Income and Program Participation," T. R. WILLIAMS and L. BAILEY (Census Bureau)

(9606)   217   "The Effect of the SIPP Redesign on Employment and Earnings Data," E. LAMAS, T. PALUMBO and J. EARGLE (Census Bureau)

(9607)   218   "A Comparative Analysis of Health Insurance Coverage Estimated: Data from CPS and SIPP," R. L. BENNEFIELD

(9611)   222   "Program Participation and Attrition: The Empirical Evidence," J. TIN (Census Bureau)

(9612)   223   "Reducing the Welfare Dependence of Single- Mother Families: Health Related Employment Barriers and Policy Responses,"J. KIMMEL

(9613)   224   "Who Moonlights and Why? Evidence from the SIPP," J. KIMMEL and K. S. CONWAY (Census Bureau)

               225   "Changing Social Security Benefits to Reflect Child Care Years: A Policy Proposal Whose Time Has Passed," H. M. IAMS and S. SANDELL

               226   "Comparing Certain Effects of Redesign on Data from the Survey of Income and Program Participation," E. C. HOCK and F. WINTERS

               227   "The Structure and Consequences of Eligibility Rules for a Social Program: A Study of the Job Training Partnership Act (JTPA)," T. J. DEVINE and J. J. HECKMAN

               228   "Developing Extended Measures of Well-Being: Minimum Income and Subjective Income Assessments," R. KOMINSKI and K. SHORT

               229   "Surveys-On-Call: On-Line Access to Survey Data, S. FURUKAWA and E. LAMAS

APPENDIX D

User Notes

This section is reserved for any information relevant to the *SIPP 1996 Panel, Wave 1 Topical Module Microdata File* that indicates specific problems with the data, or that becomes available after the file is released. Any such information should be filed behind this page.

User notes will be sent to all users who purchased their file or technical documentation from the Census Bureau.